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SEA KNIFE ANALYSIS OF SELECTED SEAKEEPING DATA. VOLUME 2. FIGUR—ETC(U)

NOV 76 M A HAMMOND, K NICHOLSON

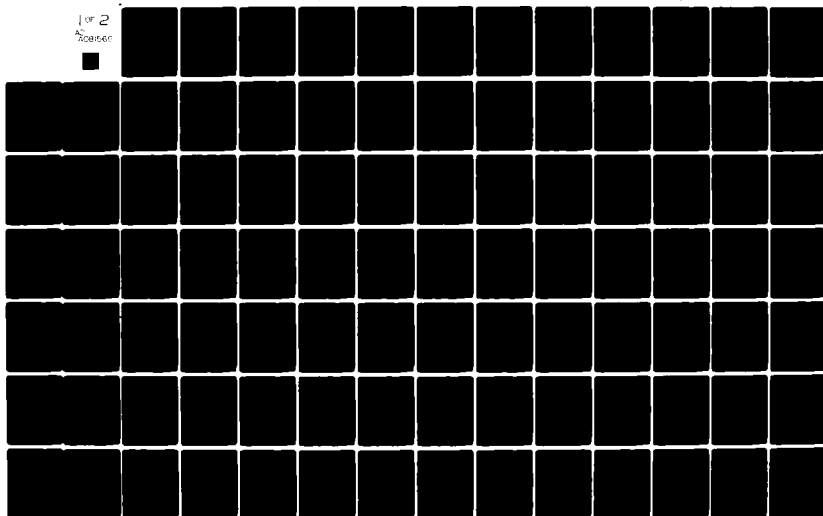
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6 SEA KNIFE
ANALYSIS OF SELECTED SEAKEEPING DATA.
VOLUME 2, FIGURES

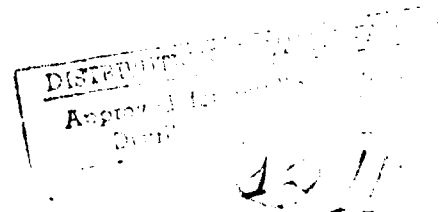
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K. Nicholson

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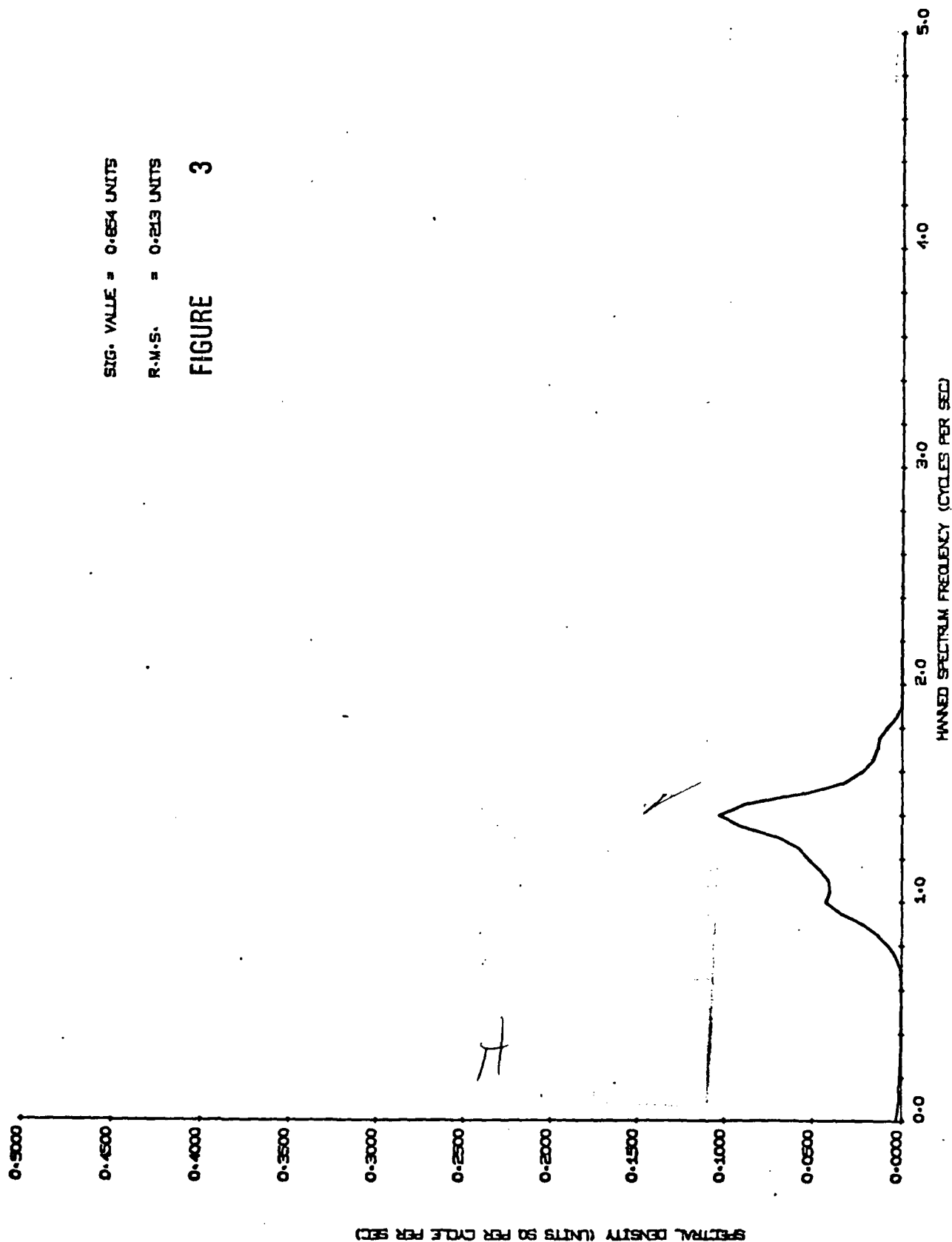
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20. ABSTRACT (Continue on reverse side if necessary and identify by block number) This report presents the results of spectral analysis on a selection of seakeeping tests carried out on a 1/16 full size model of SEA KNIFE. SEA KNIFE is an experimental planing hull design.		

SEAWIFE TESTS NO.1 SAT MAY '76 - RUN 878 PITCH SPECTRUM - UNITS/DEGREES

SIG. VALUE = 0.854 UNITS

R.M.S. = 0.213 UNITS

FIGURE 3

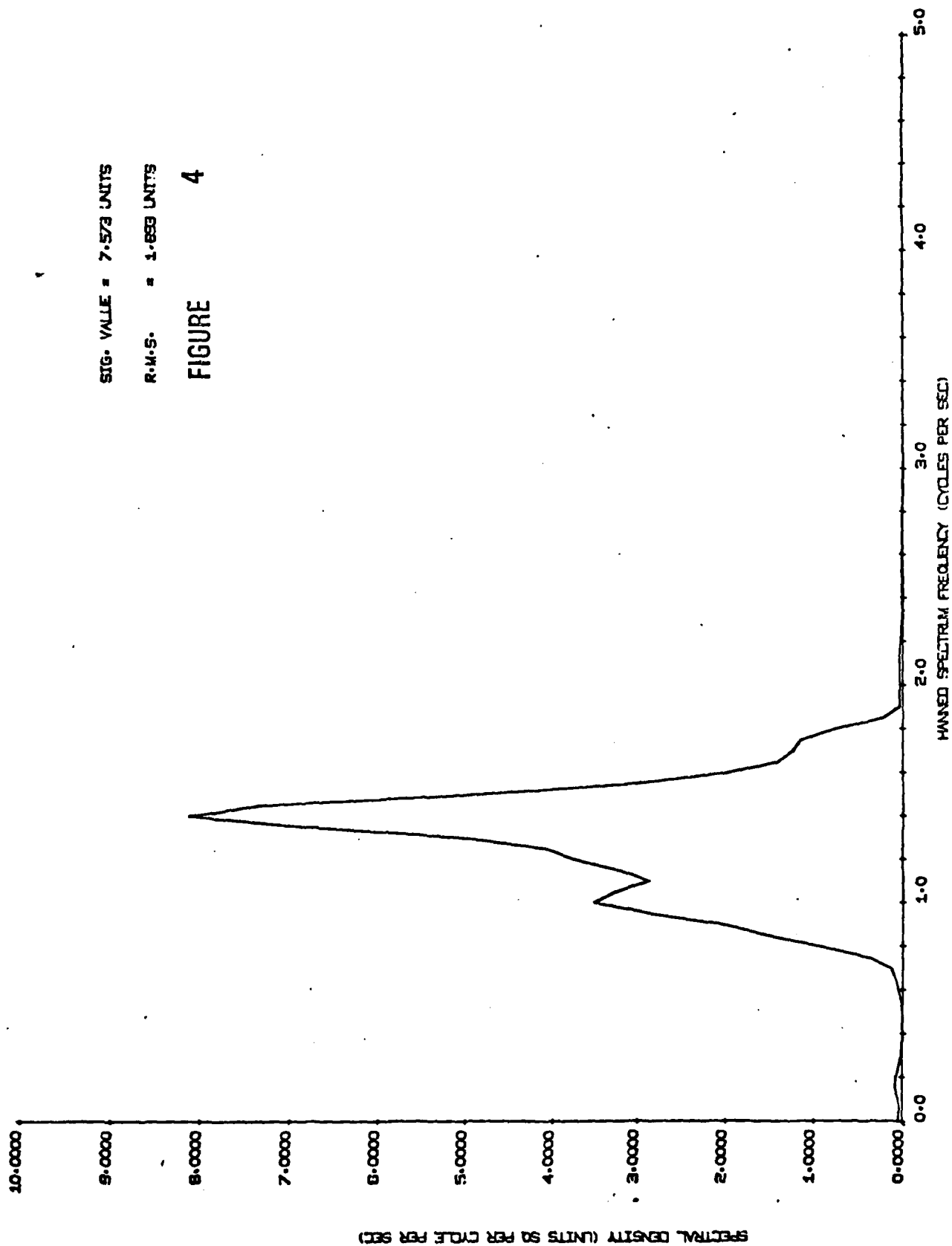


SEAKNIFE TESTS NO.1 SAT MAY '76 - RUN 878 HEAVE SPECTRUM - UNITS CENTIMETRES

SIG. VALUE = 7.573 UNITS

R.M.S. = 1.858 UNITS

FIGURE 4

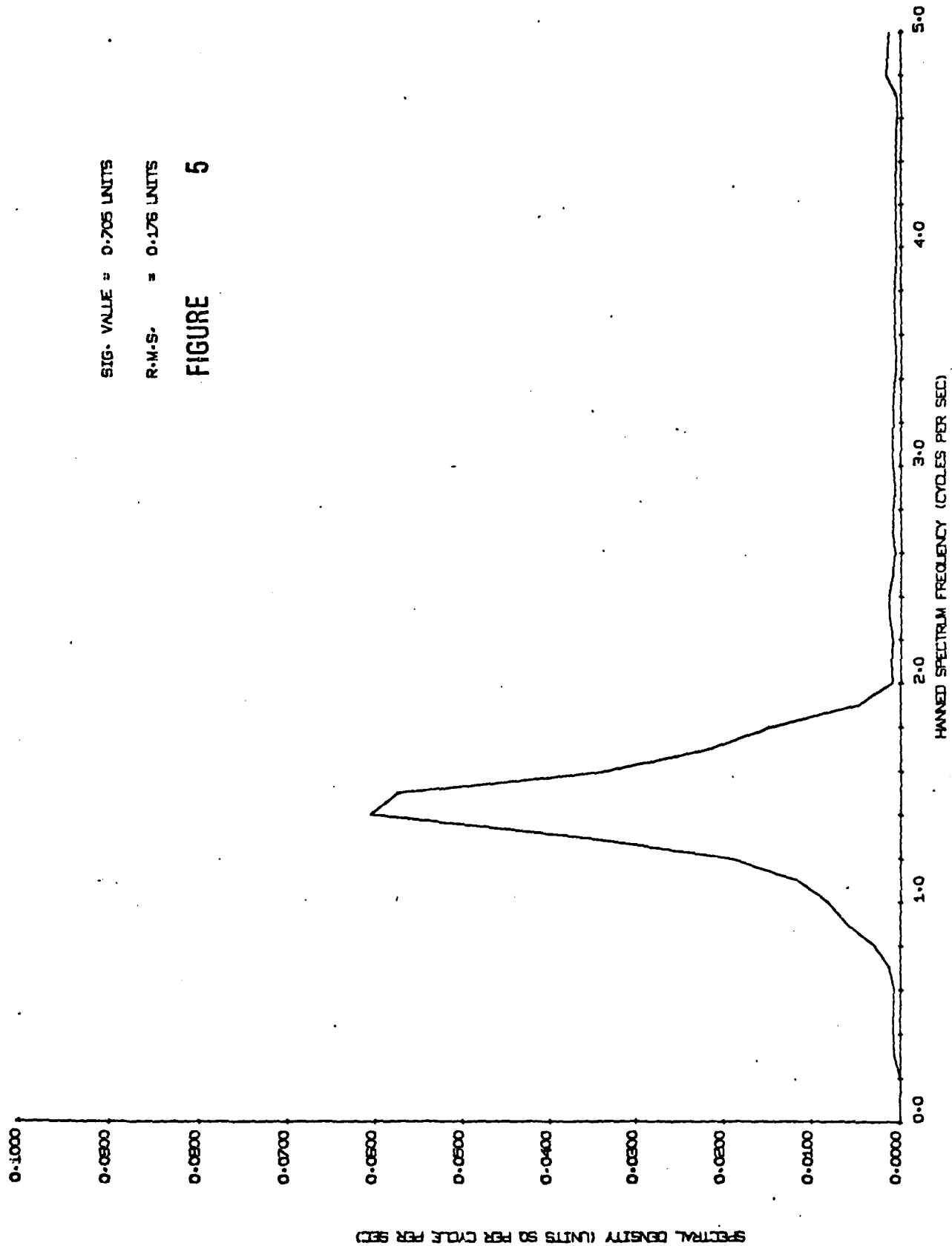


SEAWIFE TESTS NO.1 SAT MAY '76 - RUN 878 VERT.G AT C.G. SPECTRUM UNITS G-S

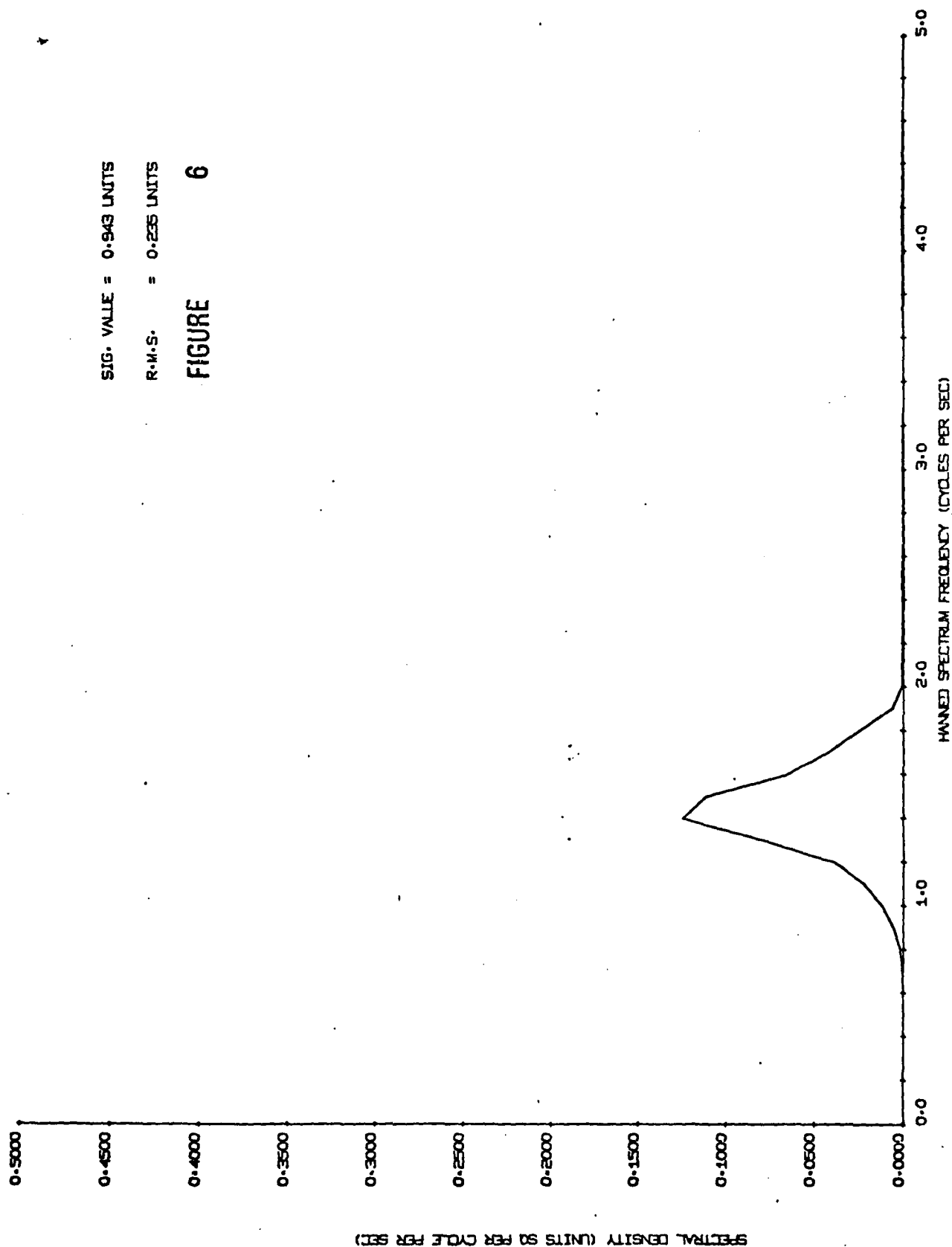
SIG. VALUE = 0.705 UNITS

R.M.S. = 0.176 UNITS

FIGURE 5



SEAKNIFE TESTS NO.1 S/T MAY '76 - RUN 878 VERT.G AT 80W SPECTRUM UNITS G.S

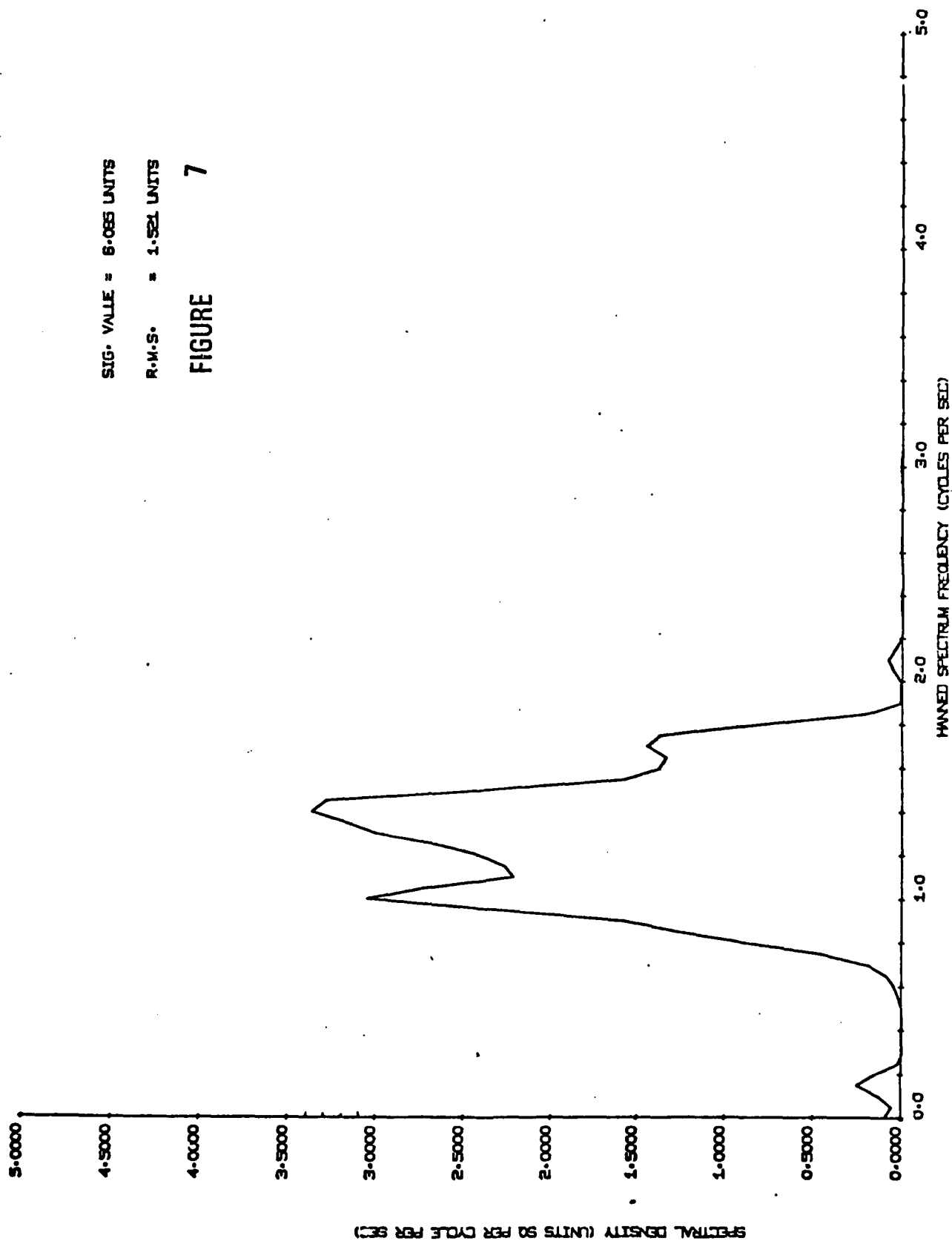


SEAWIFE TESTS NO.1 S/T MAY '76 - RUN 878 ENCOUNTERED WAVE SPECTRUM - UNITS CM

SIG. VALUE = 6.085 UNITS

R.M.S. = 1.521 UNITS

FIGURE 7

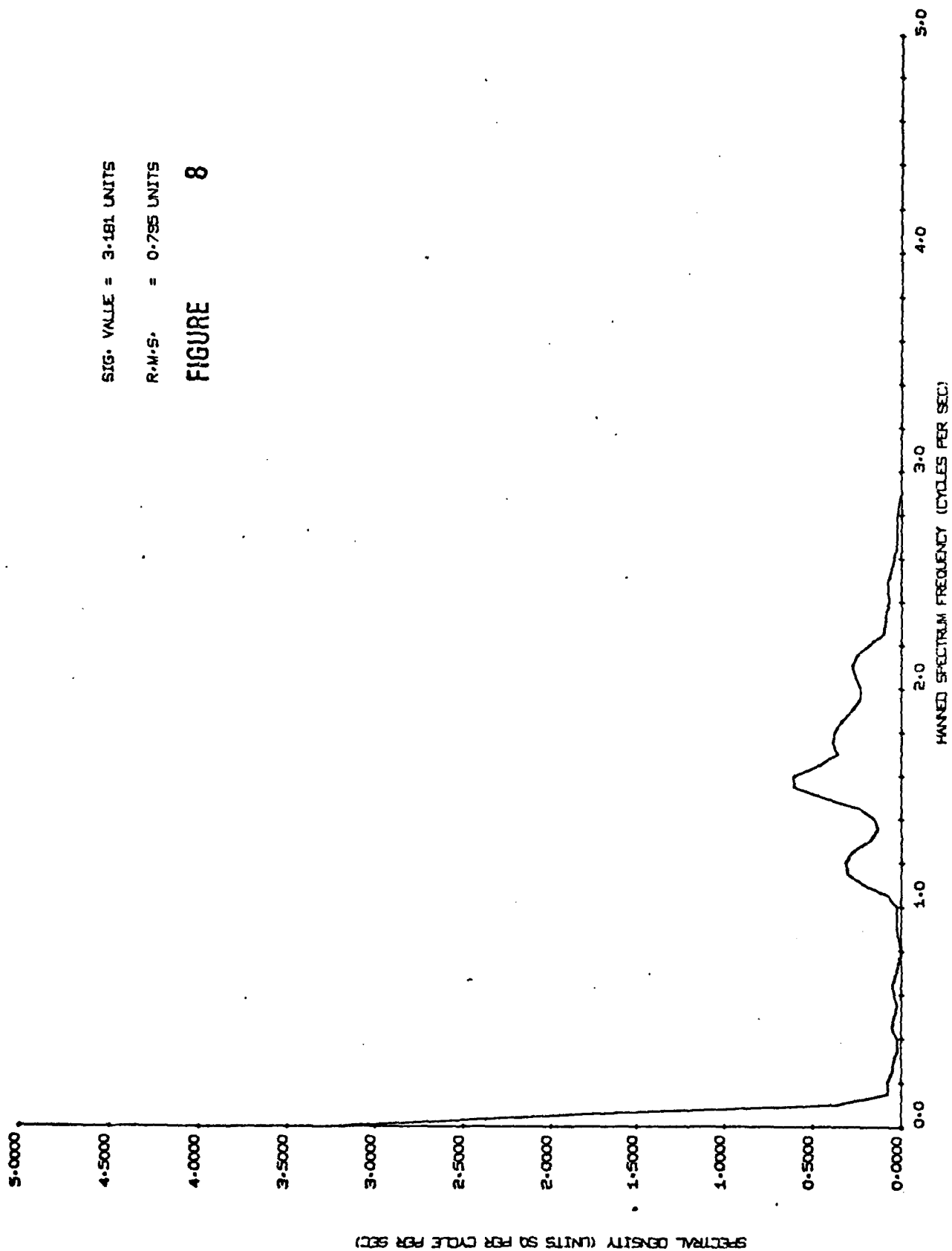


SEAKNIFE TESTS NO.1 S/T MAY '76 - RUN 879 PITCH SPECTRUM - UNITS DEGREES

SIG. VALUE = 3.181 UNITS

R.M.S. = 0.795 UNITS

FIGURE 8

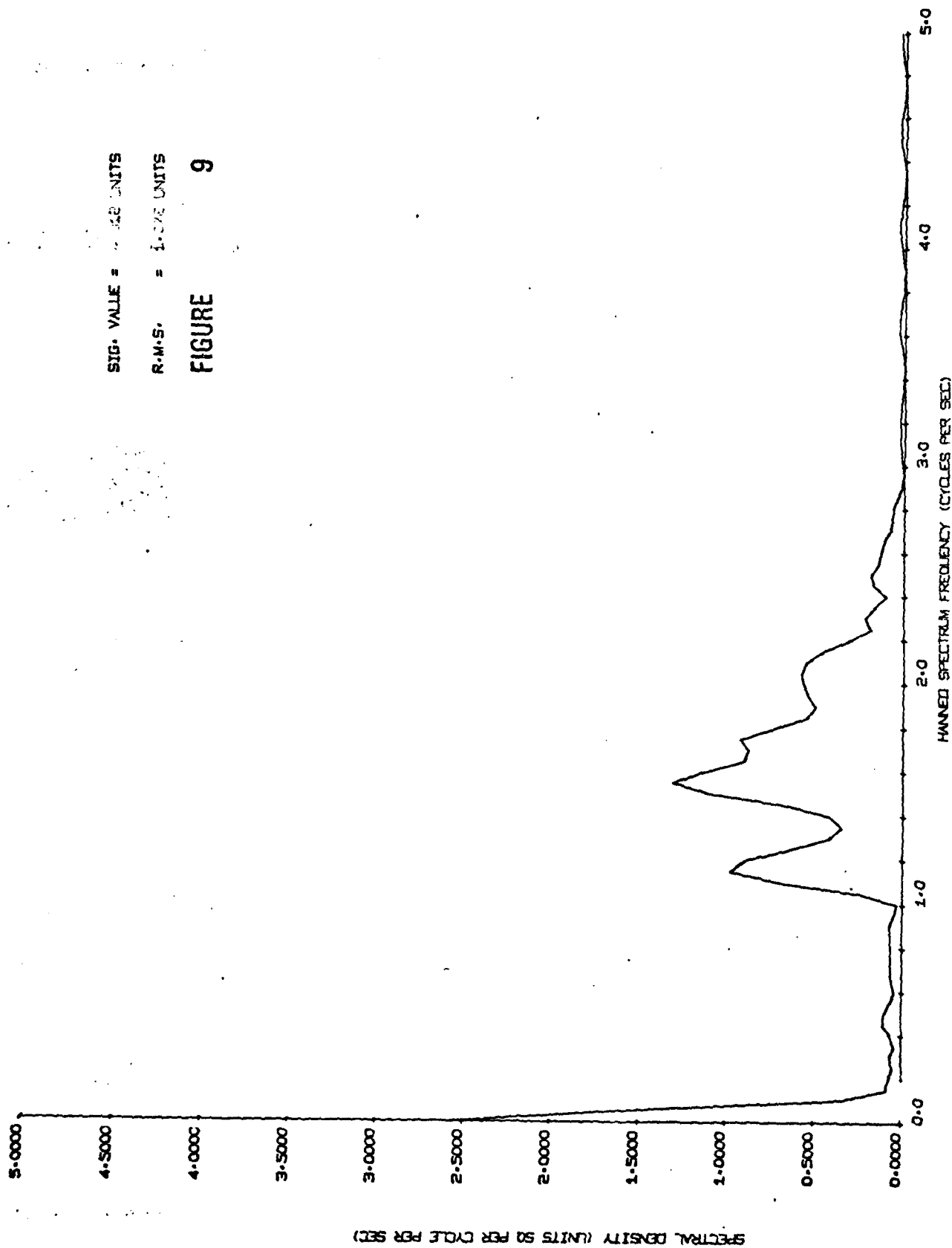


STANDARD TESTS NO. 1 MAY 1970 - RUN 678 PEAK SPECTR. UNITS CENTIMETRES

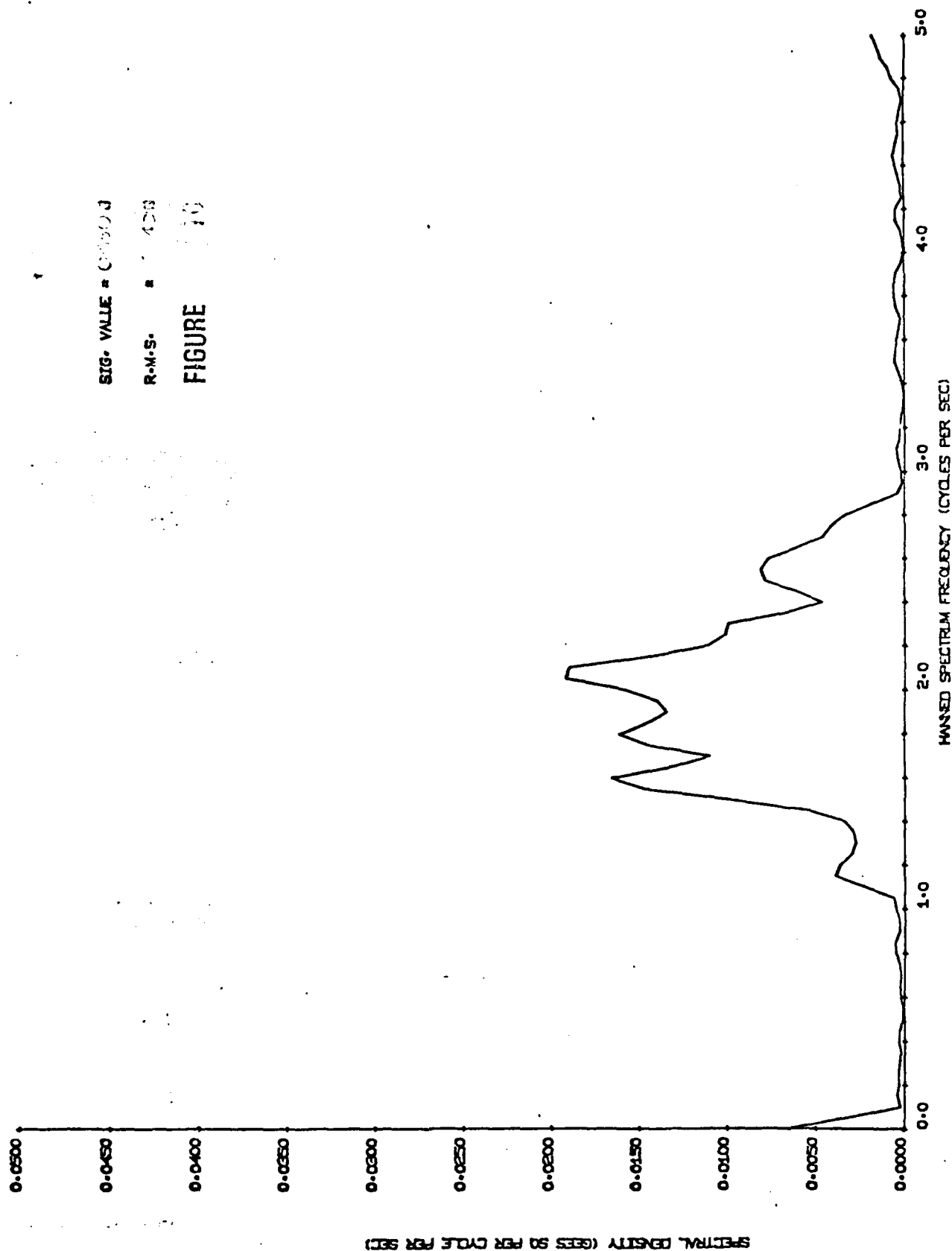
SIG. VALUE = 1.42 UNITS

R.M.S. = 1.172 UNITS

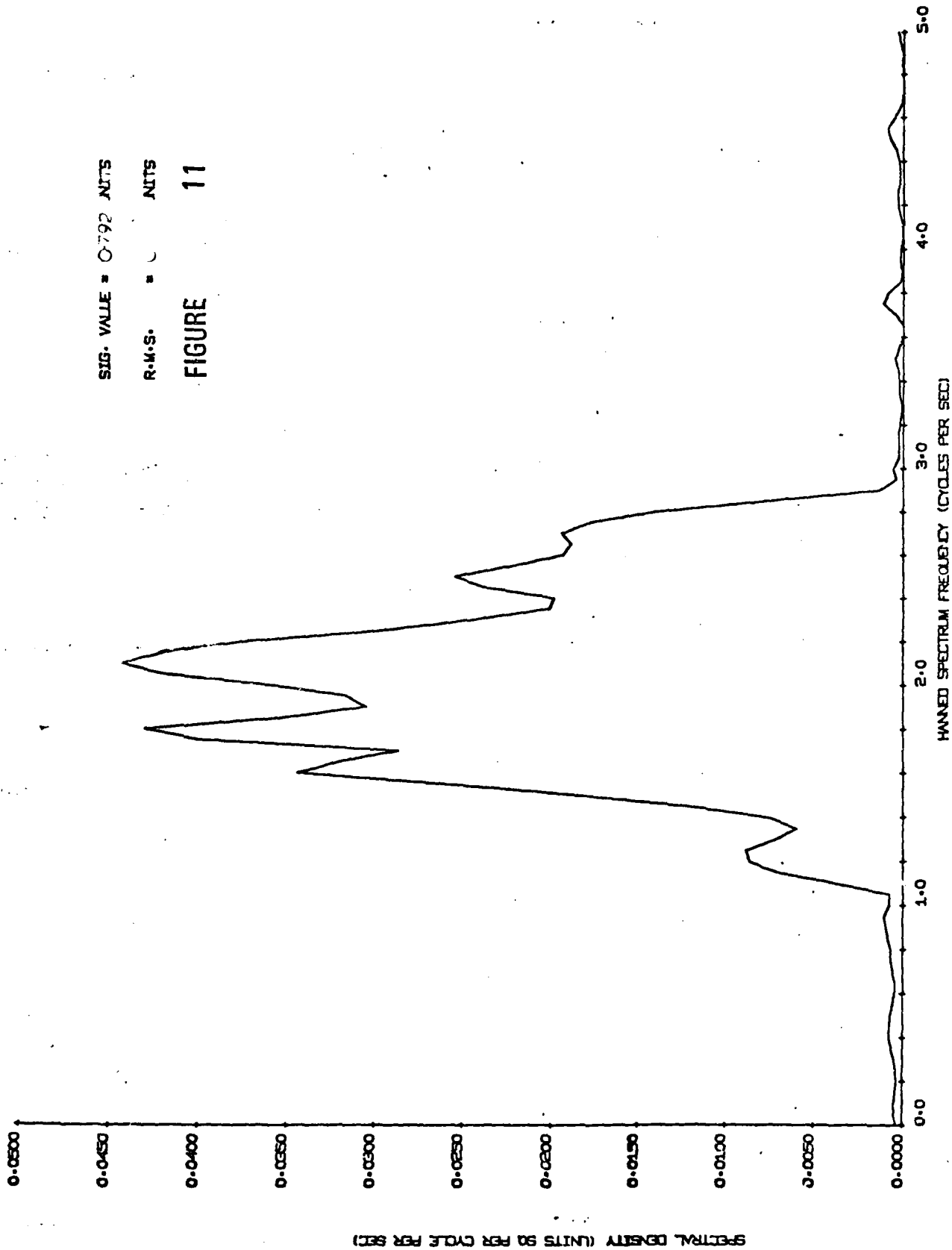
FIGURE 9



SEANETC TESTS NO.1 S MAY 178 - RUN 879 VER.10 AT CC SPECTRUM



KNIFE TESTS NO. 501 MAY 1978 - RUN B79 VER 1.5 AT BC 100000 UNITS G-S

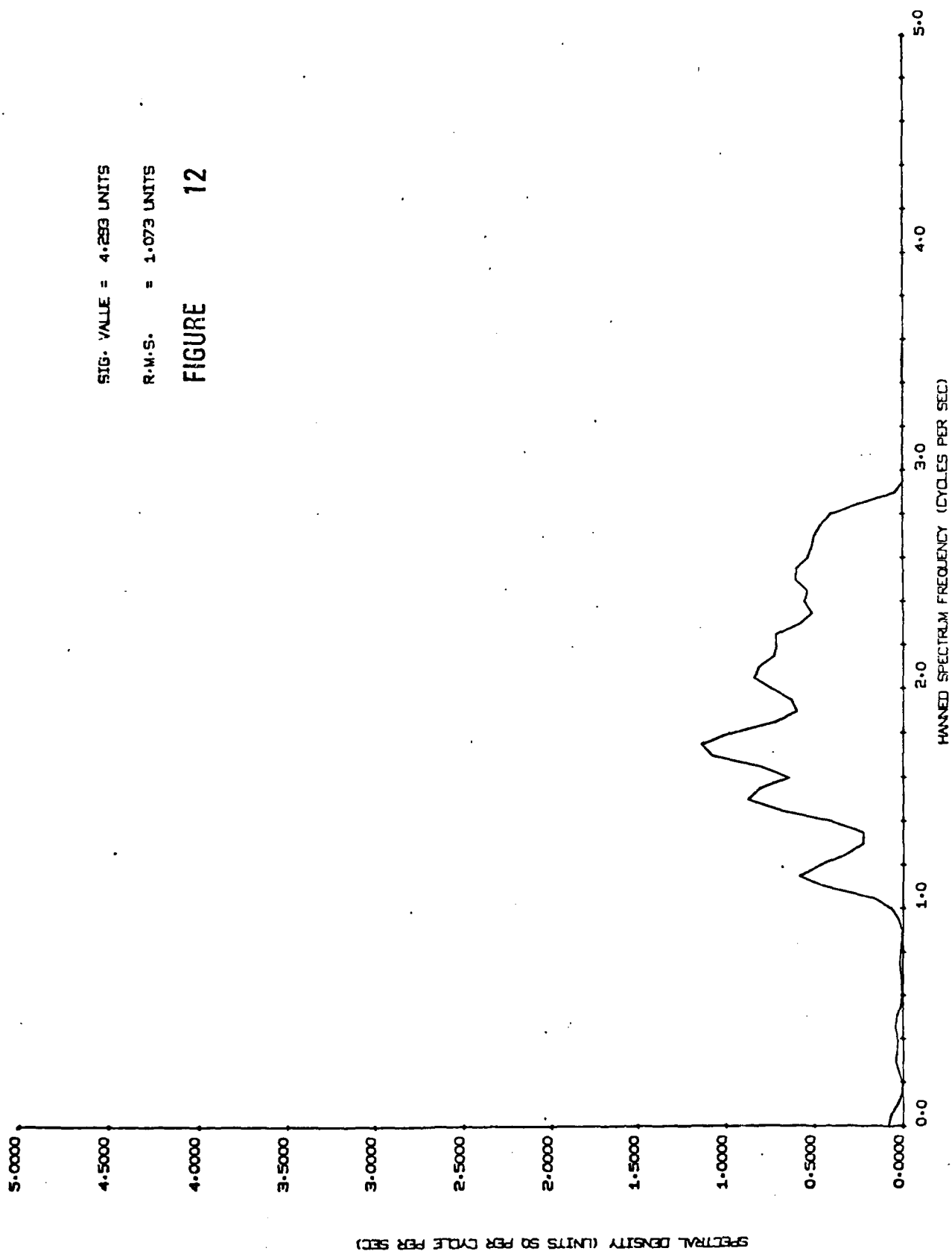


SEAKNIFE TESTS NO.1 S/T MAY '76 - RUN 879 ENCOUNTERED WAVE SPECTRUM - UNITS CMS

SIG. VALLE = 4.293 UNITS

R.M.S. = 1.073 UNITS

FIGURE 12

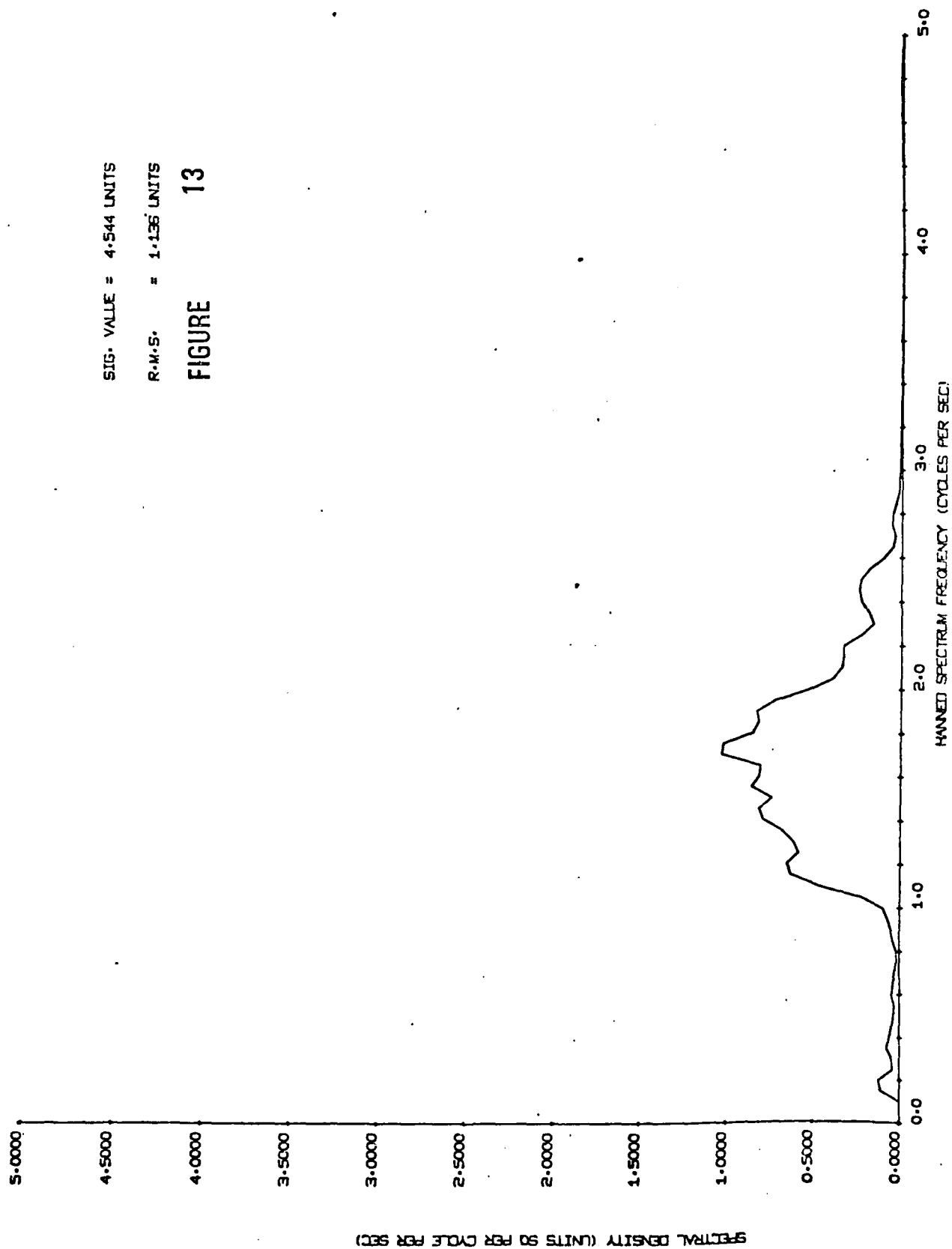


SEAKNIFE TESTS NO.1 SAT MAY '76 - RUN 883 PITCH SPECTRUM - UNITS DEGREES

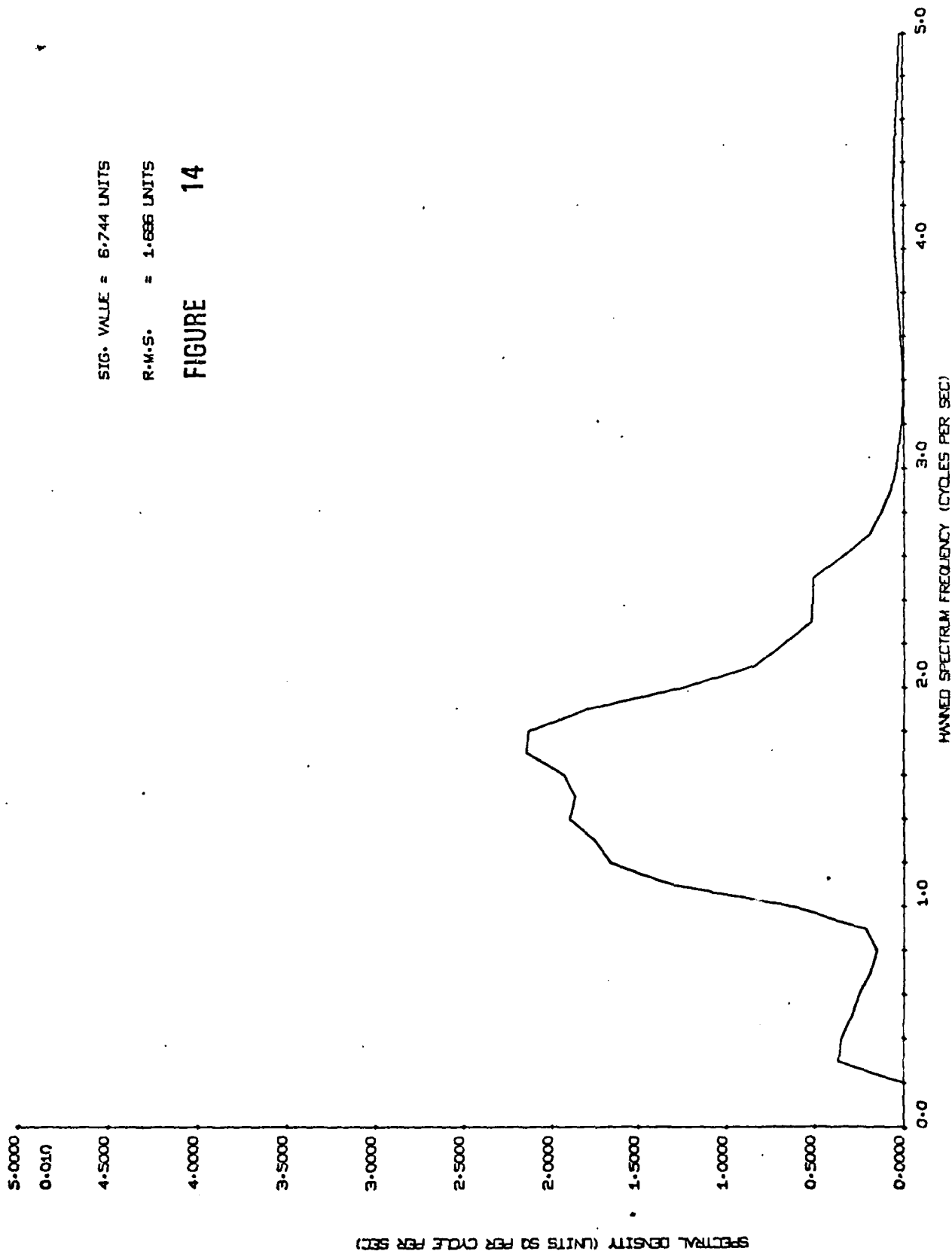
SIG. VALUE = 4.544 UNITS

R.M.S. = 1.136 UNITS

FIGURE 13



0.0150 SEAKNIFE TESTS NO.1 S/T MAY '76 - RLN 883 HEAVE SPECTRUM - UNITS CENTIMETRES

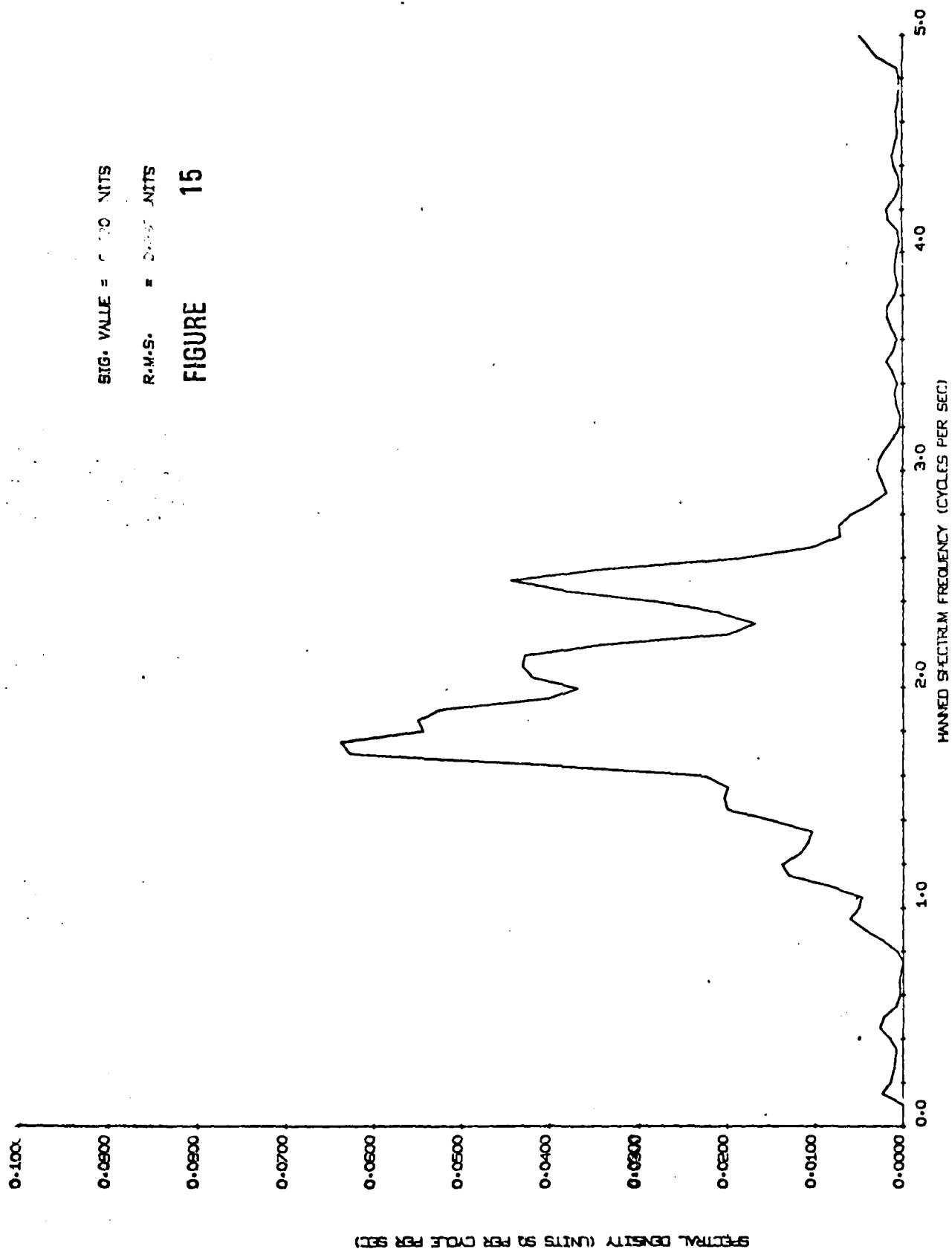


SHAKING TESTS NO. 7 MAY '70 - RUN BE VERT. G AT D.C. 1000 HZ UNITS G-S

SIG. VALUE = 0.000 NITS

R.M.S. = 0.000 NITS

FIGURE 15

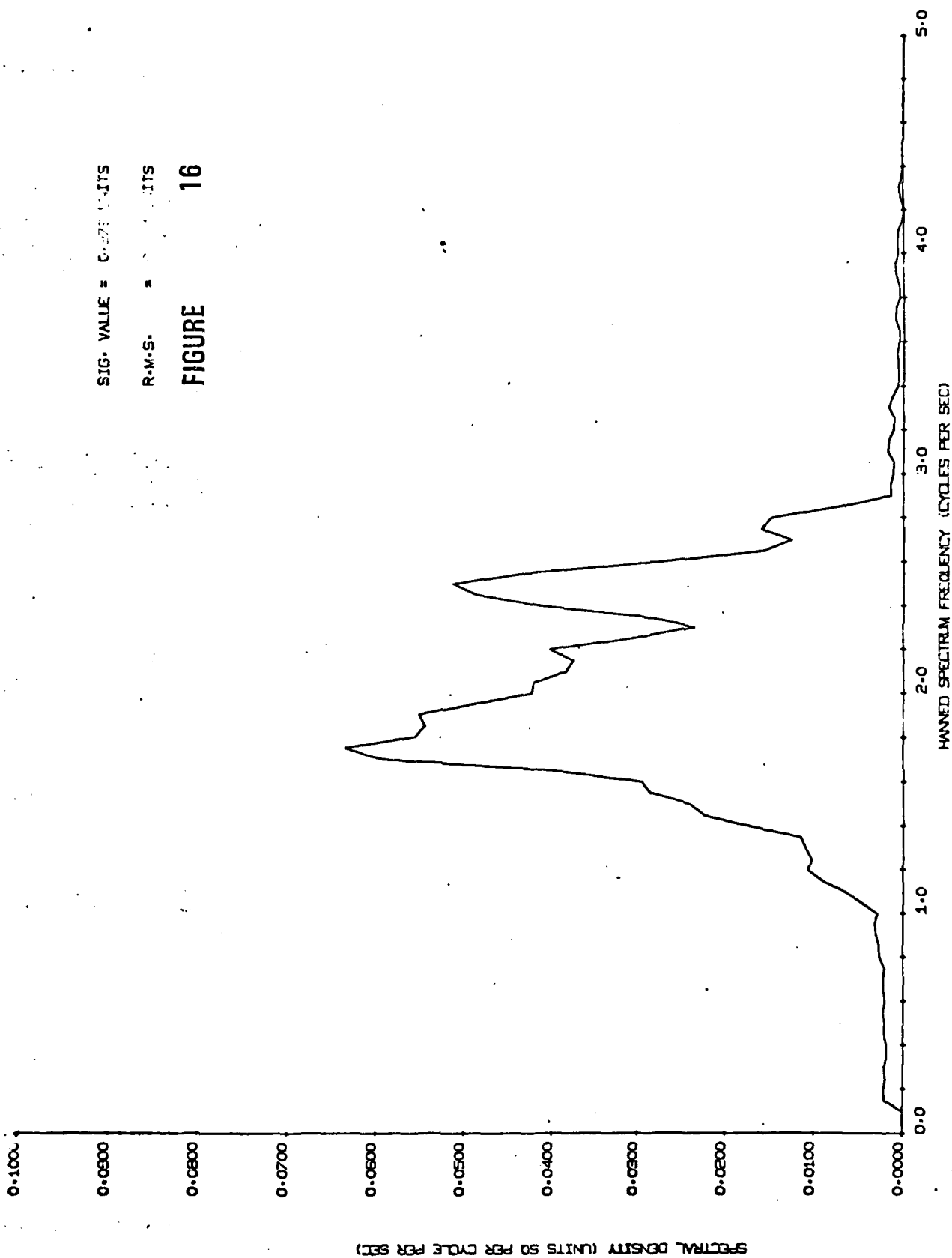


SHANK TESTS NO. 5 MAY '75 - RUN BEG. VER. 5 AT BOW CENTER UNITS G-S

SIG. VALUE = 0.075 UNITS

R-M-S. = 0.075 UNITS

FIGURE 16

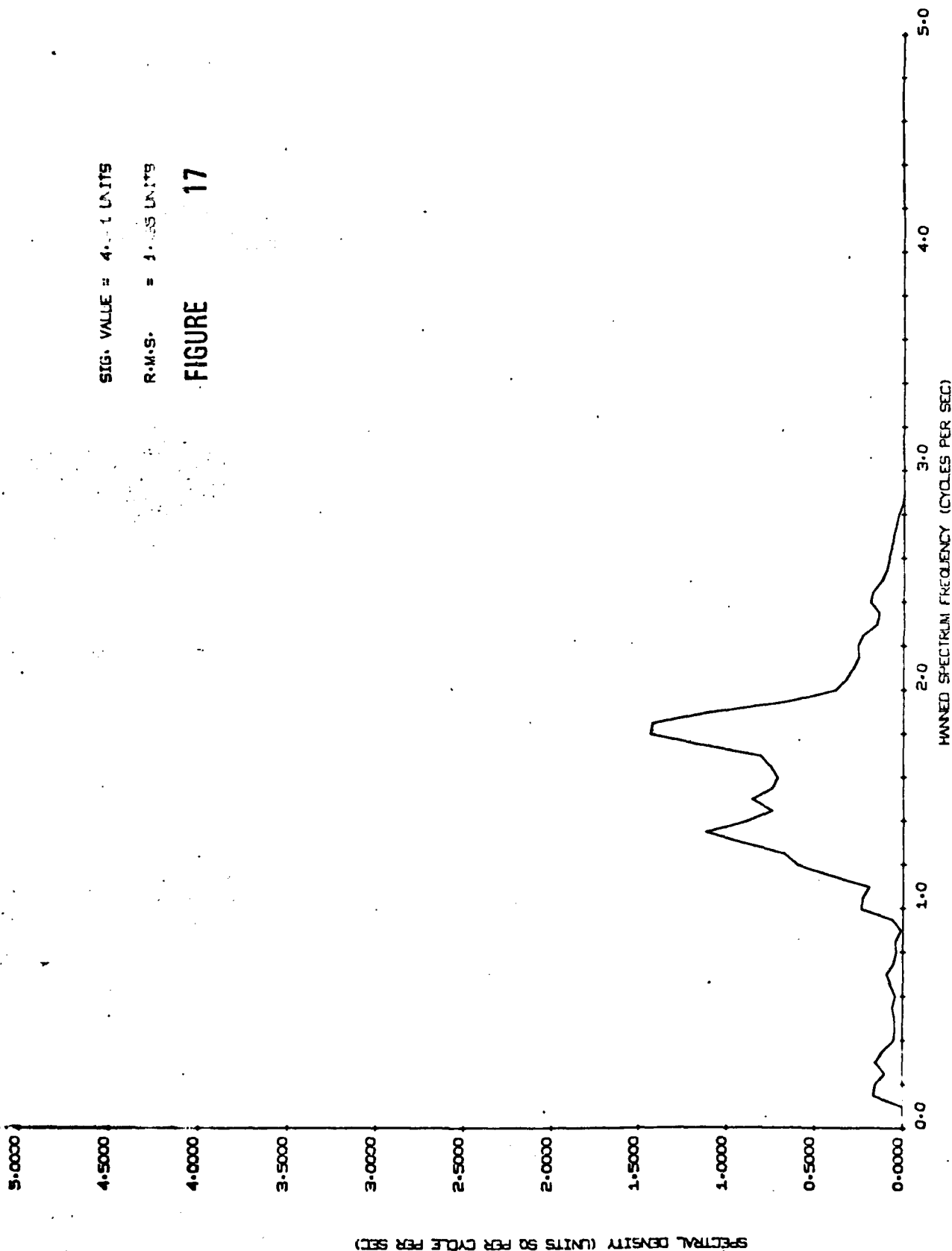


SEA-KNIFE TESTS NO. 1 S/W MAY 1976 - RUN BR4 PITCH SPECTRUM IN DEGREES

SIG. VALUE = 4.11 UNITS

R.M.S. = 1.65 UNITS

FIGURE 17

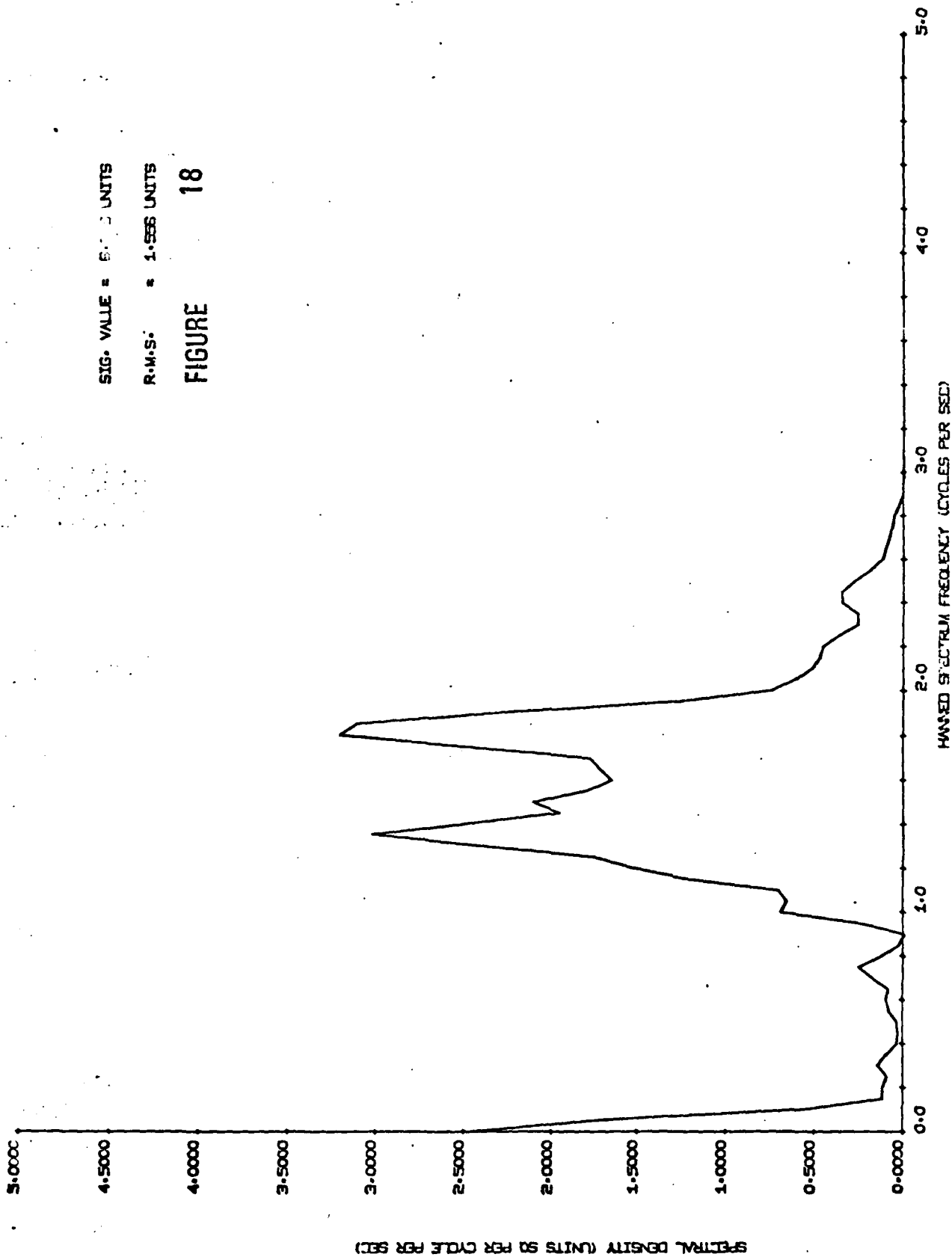


SEAKNIFE TESTS NO. 157 MAY 1953 - RUN BE - WAVE SPECTRUM - CENTIMETRES

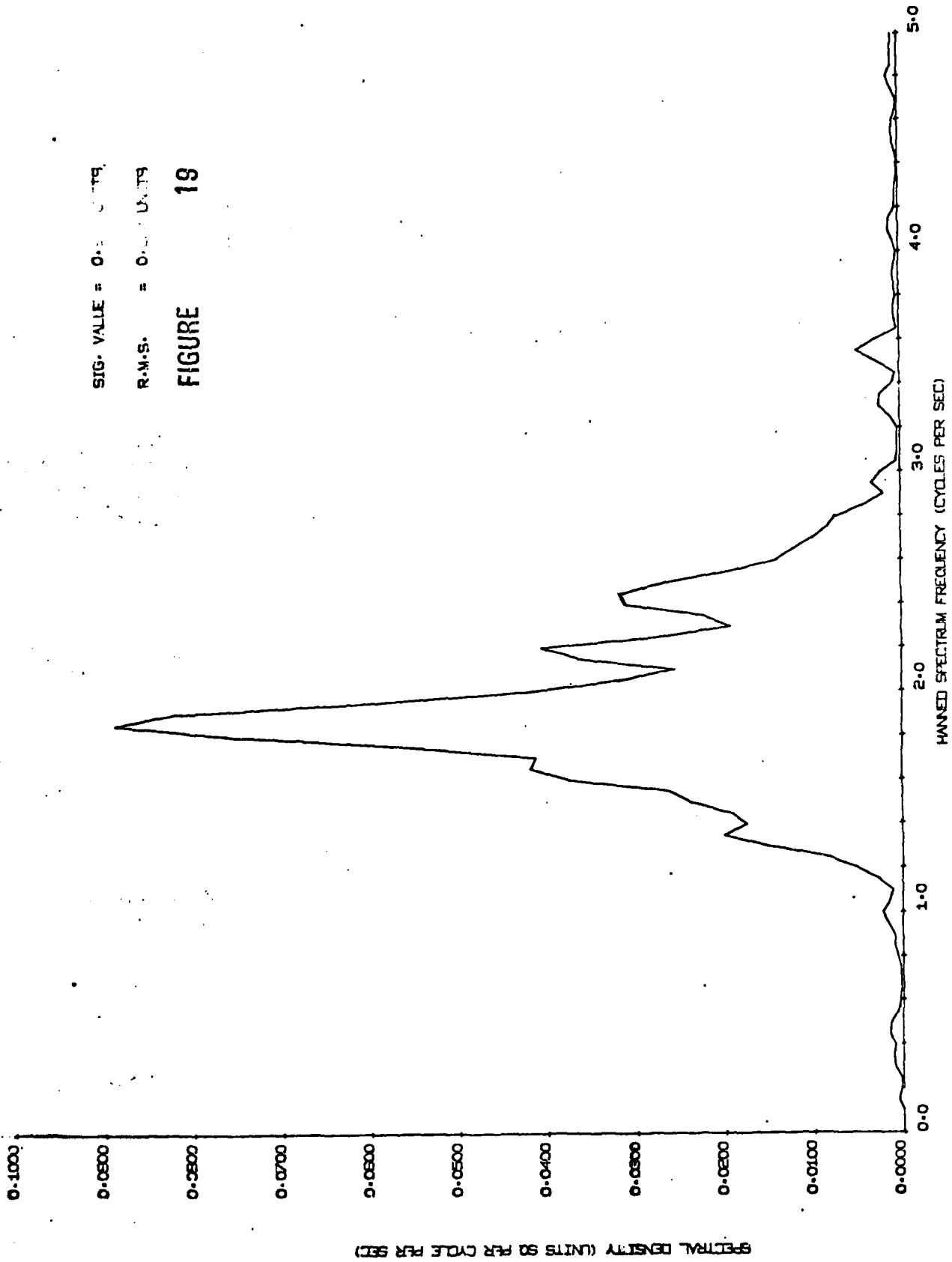
SIG. VALUE = 5.75 UNITS

R.M.S. = 1.555 UNITS

FIGURE 18

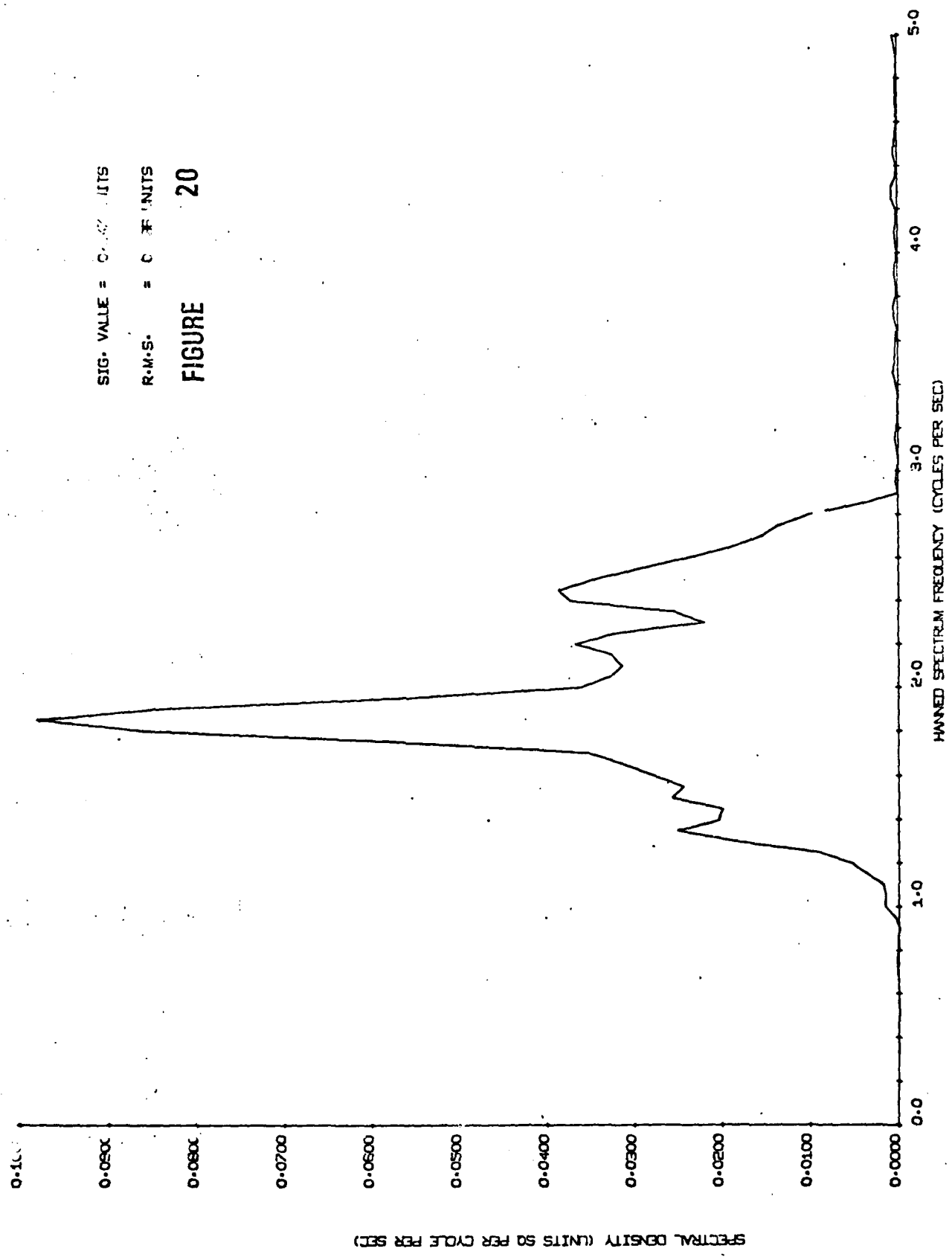


TESTS NO. 5 MAY '76 - RUN BBA VERT 3 AT C.G. 100 M UNITS G'S



SKINFE TESTS NO. 1 SAT MAY 1961 - RUN BECAUSE OF AT BOM

UNITS G-S



SIG. VALUE = 0.0000 UNITS

R.M.S. = 0.0000 UNITS

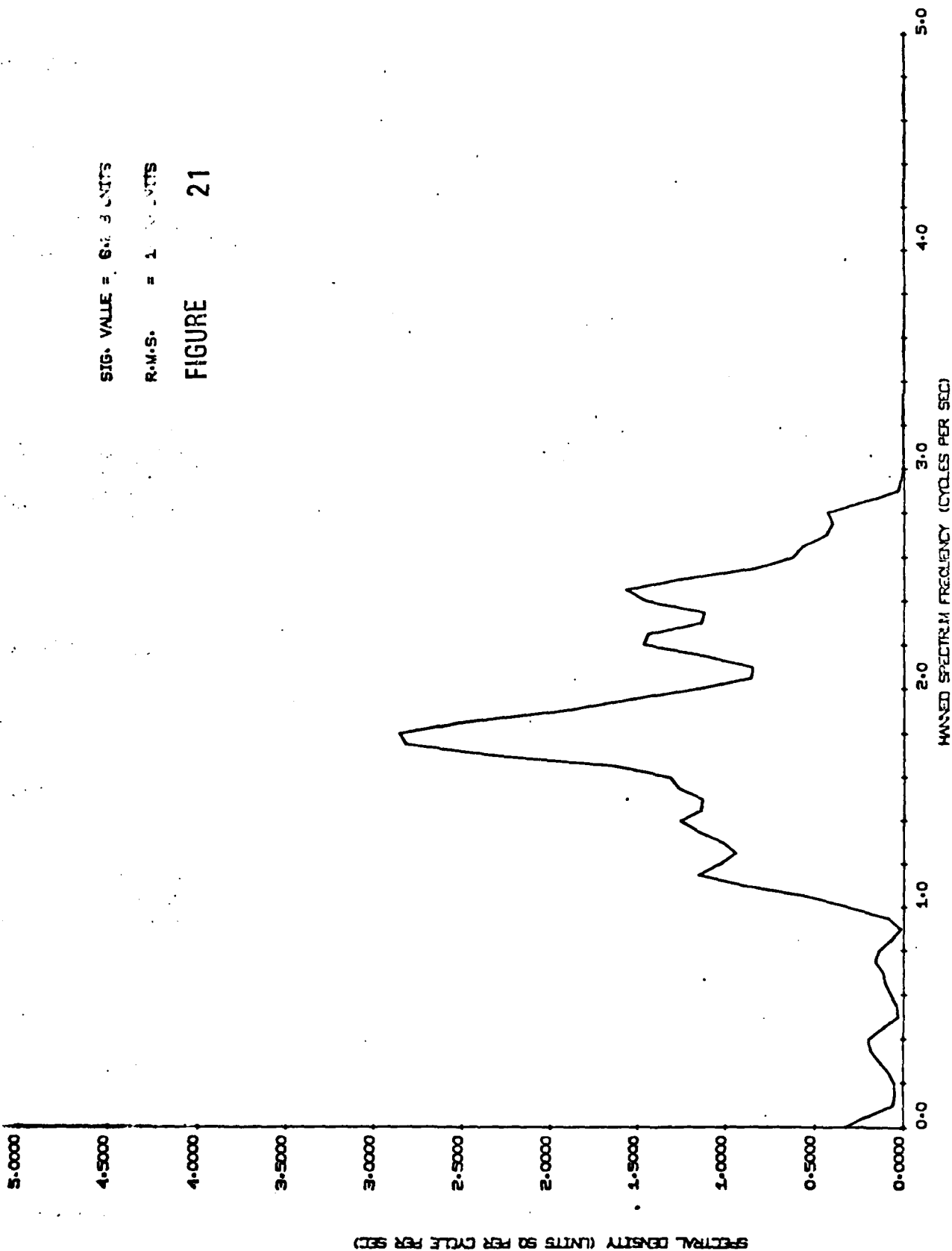
FIGURE 20

SEAKNIFE TESTS NO. 5 MAY '70 - RUN 884 CENTERED W. SPECTRUM - UNITS CWS

SIG. VALUE = 6.3 UNITS

R.M.S. = 1 UNITS

FIGURE 21

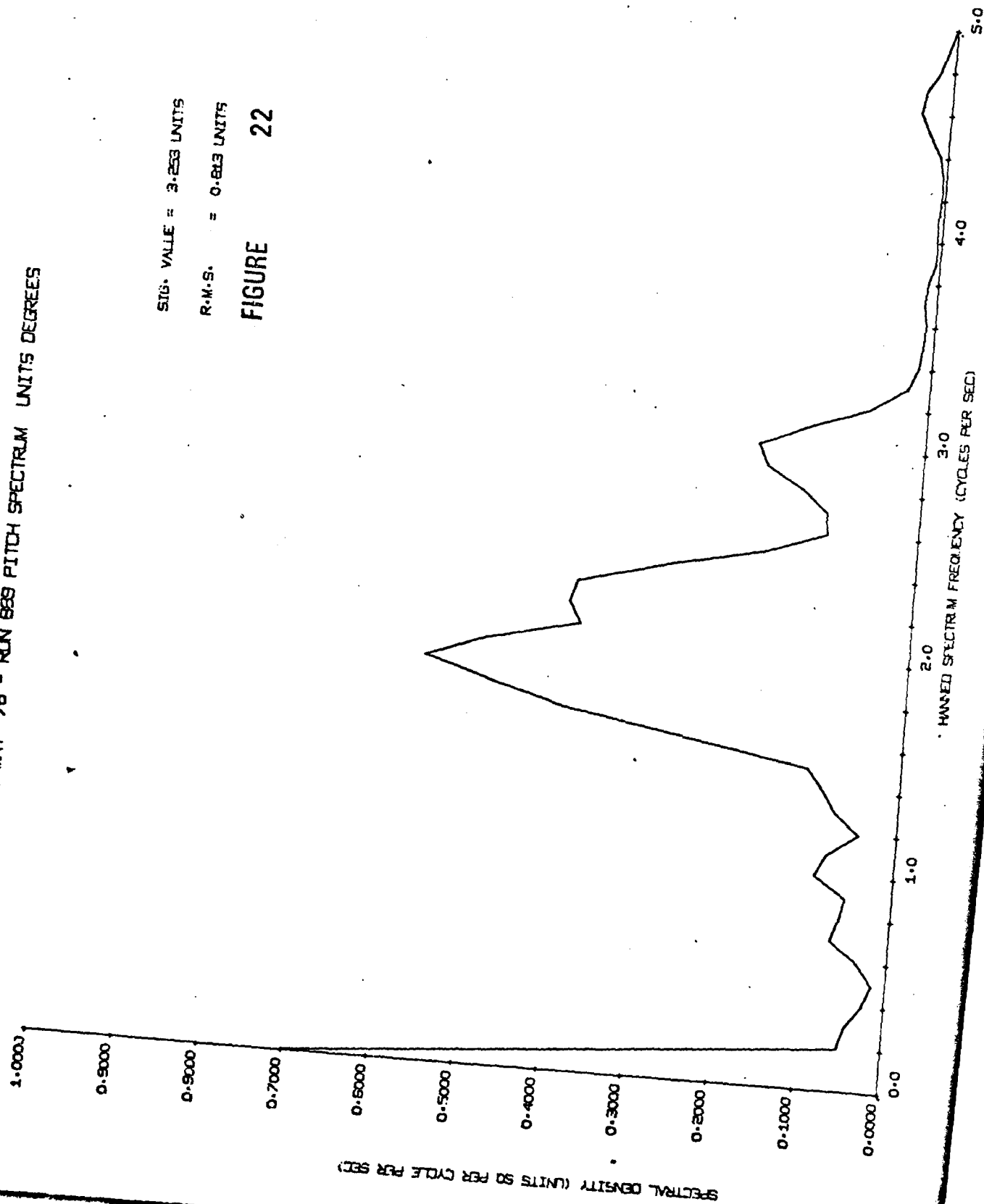


SEAKNIFE TESTS NO.1 S/T MAY '76 - RUN 889 PITCH SPECTRUM UNITS DEGREES

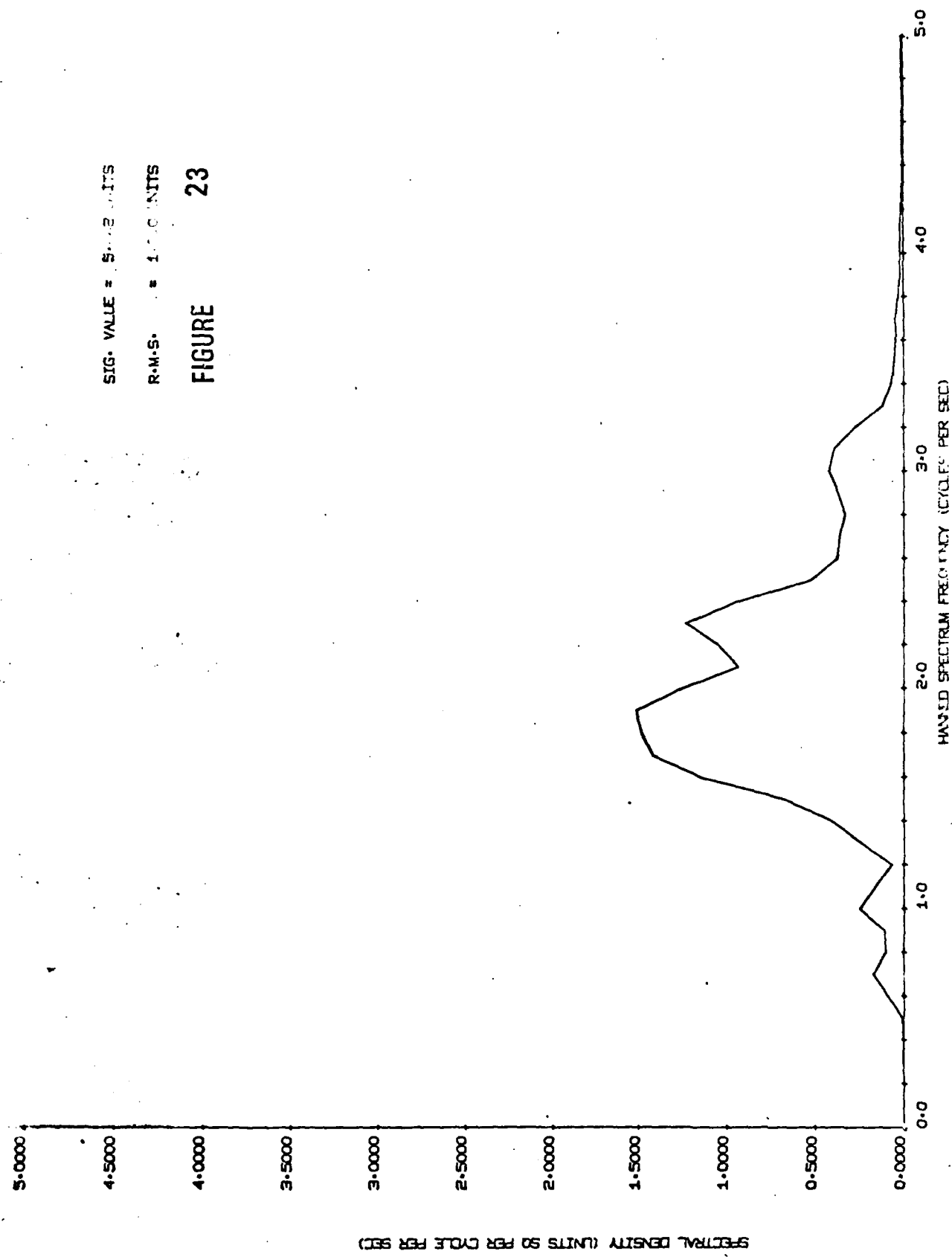
SIG. VALUE = 3.253 UNITS

R.M.S. = 0.813 UNITS

FIGURE 22



TESTS NO. 257 MAY 1951 - RJN 88 HAVS SPECTRUM UNITS CENTIMETRES

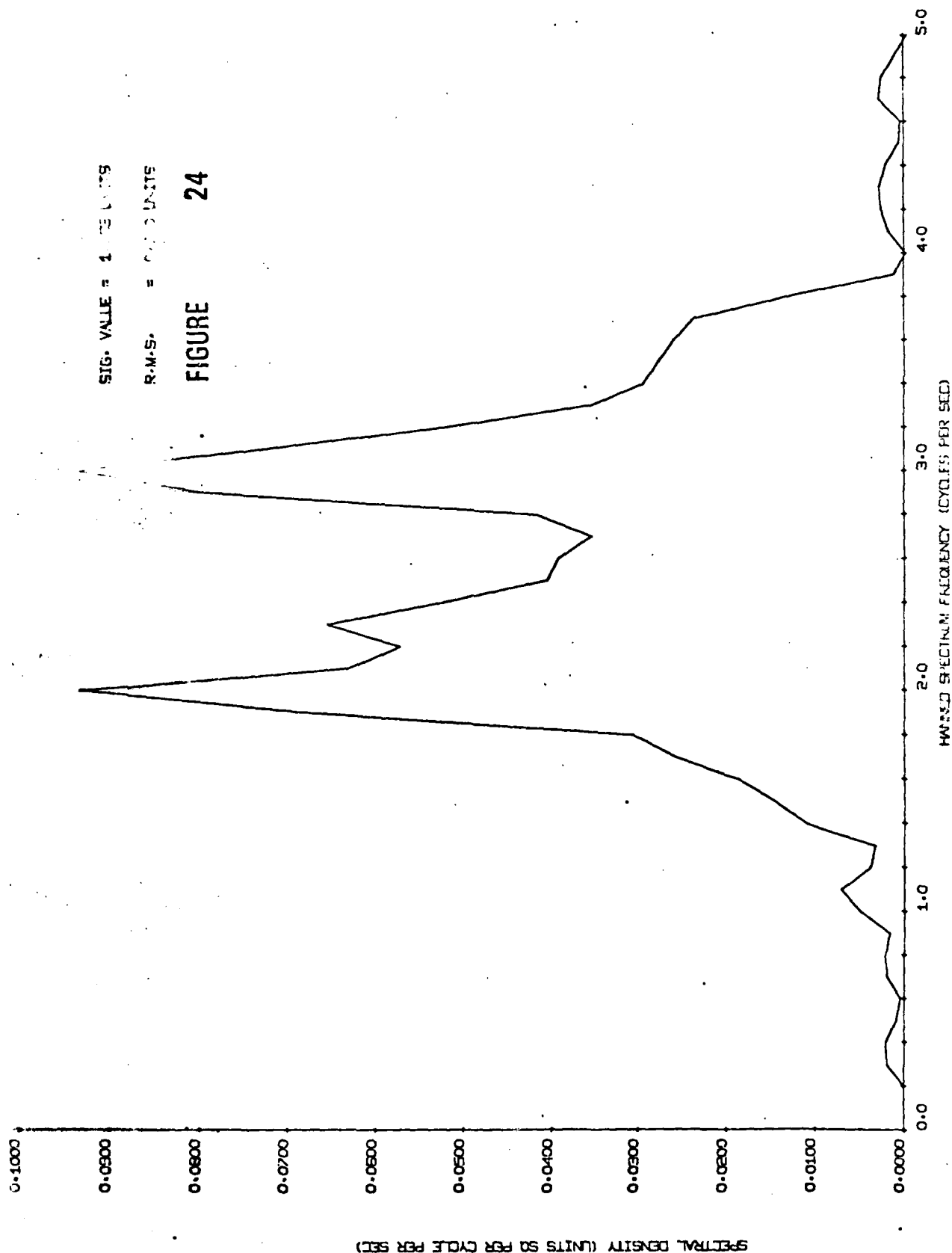


SIG. VALUE = 5.112 UNITS

R.M.S. = 1.110 UNITS

FIGURE 23

SPANNING TESTS NO. 5 MAY 1975 - RUN 888 VERT. 3 AT 3.0 G 3.0 R.M. UNITS 5.5

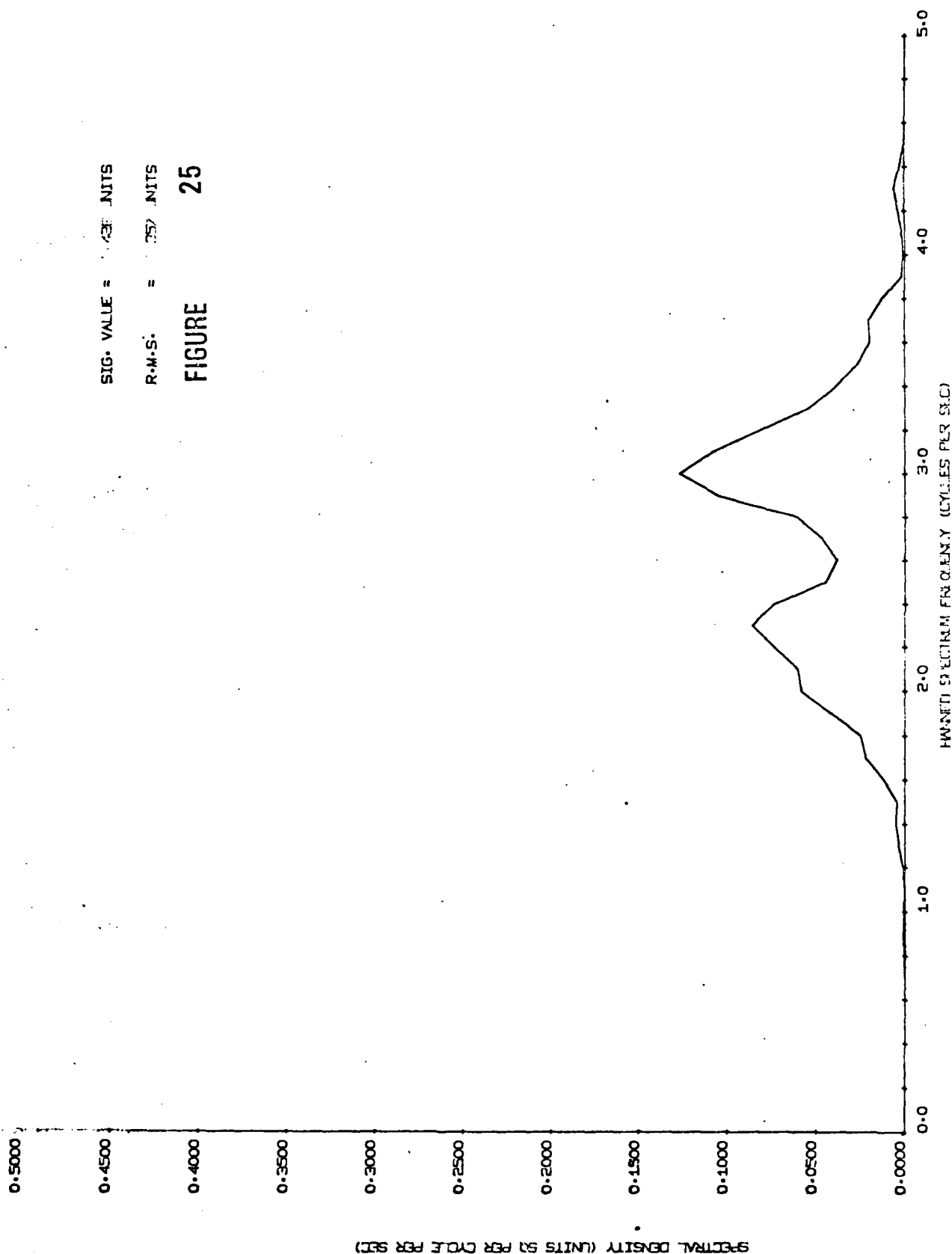


SEAKN RE TESTS N 1115 AT MAY 175 - RUN 810 VERT G AT B0 - SPECTRUM UNITS G.S

SIG. VALUE = 1.43E NITS

R.M.S. = 0.757 NITS

FIGURE 25

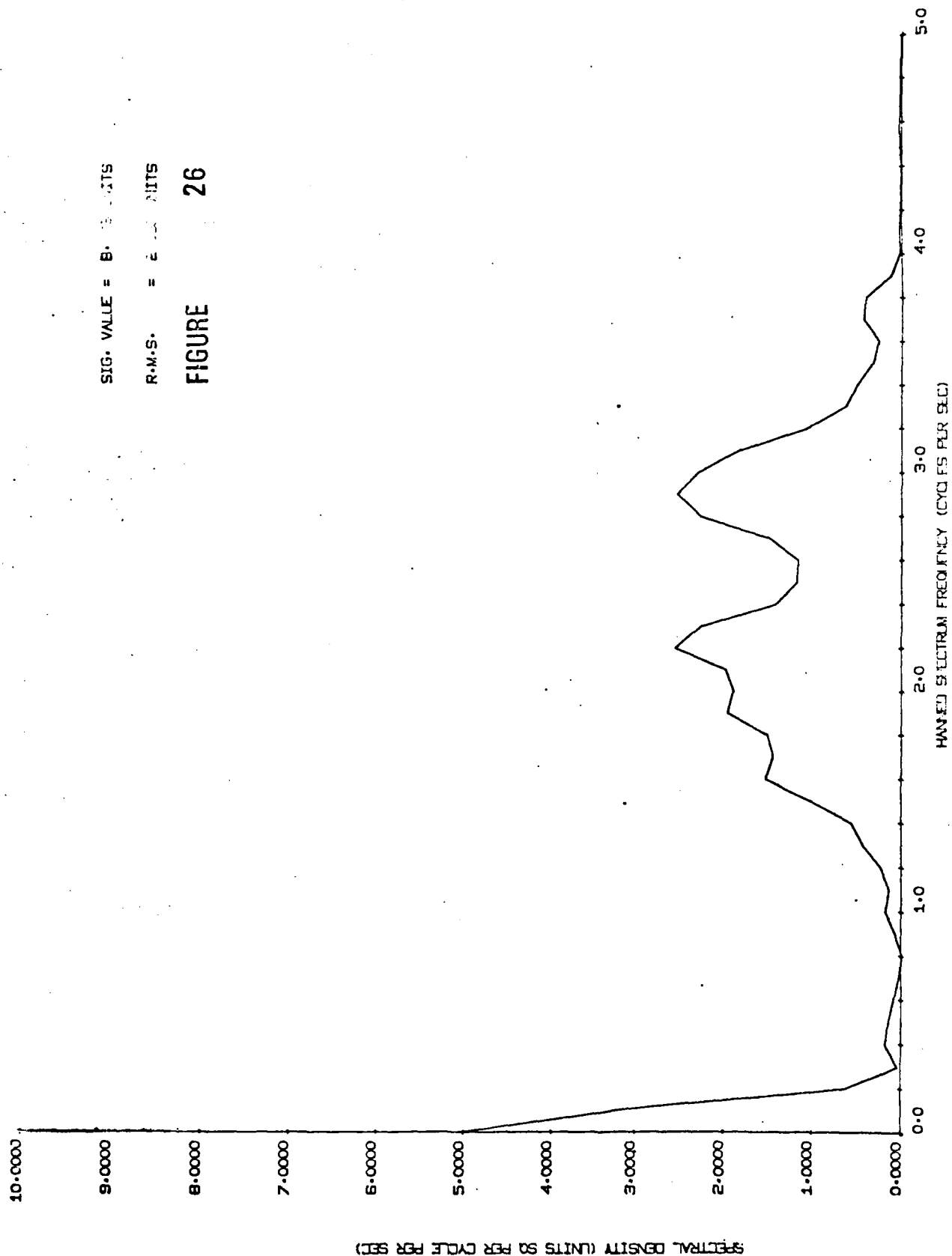


SEMI-LOG PLOTS NO. 57 MAY '62 - RUN 880 AND INTERED V. F. FROM UNITS DMS

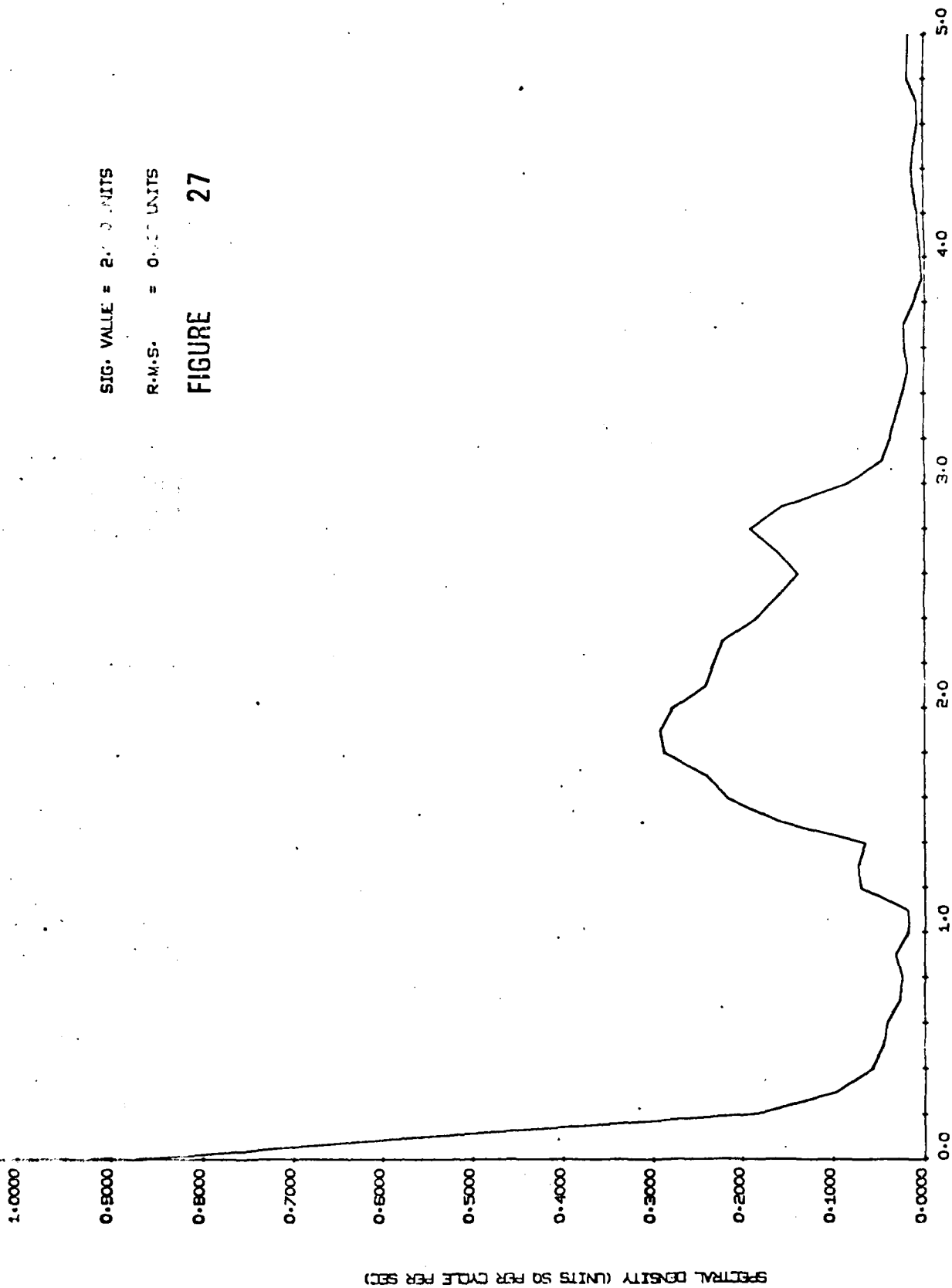
SIG. VALUE = 8.13 UNITS

R.M.S. = 2.13 UNITS

FIGURE 26



SEA/NIFE TESTS NO 30 MAY 77 - RUN 89 P. 10 SPECTRUM DEGREE

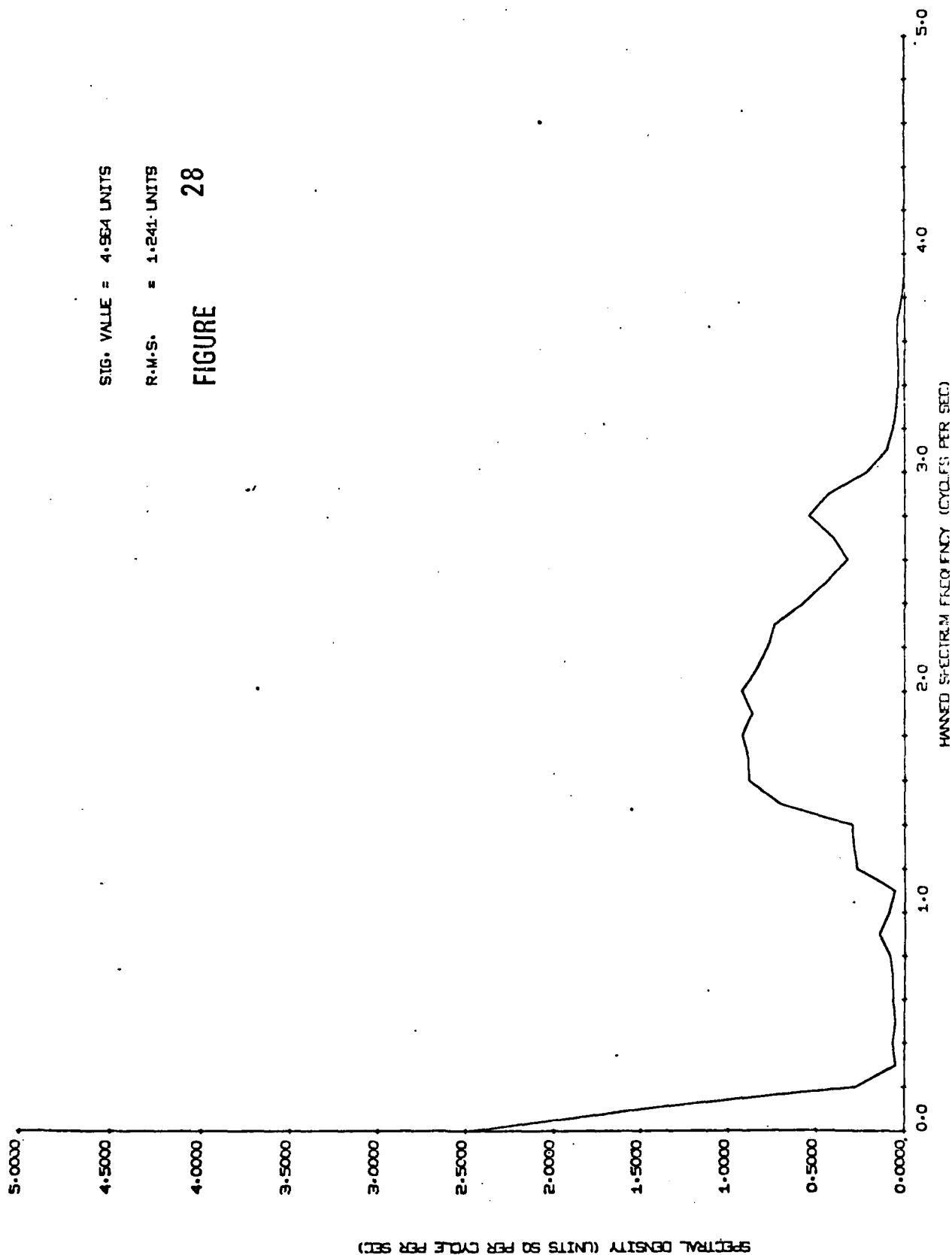


SEAKNIFE TESTS NO.1 SAT MAY '76 - RUN 890 HEAVE SPECTRUM UNITS CENTIMETRES

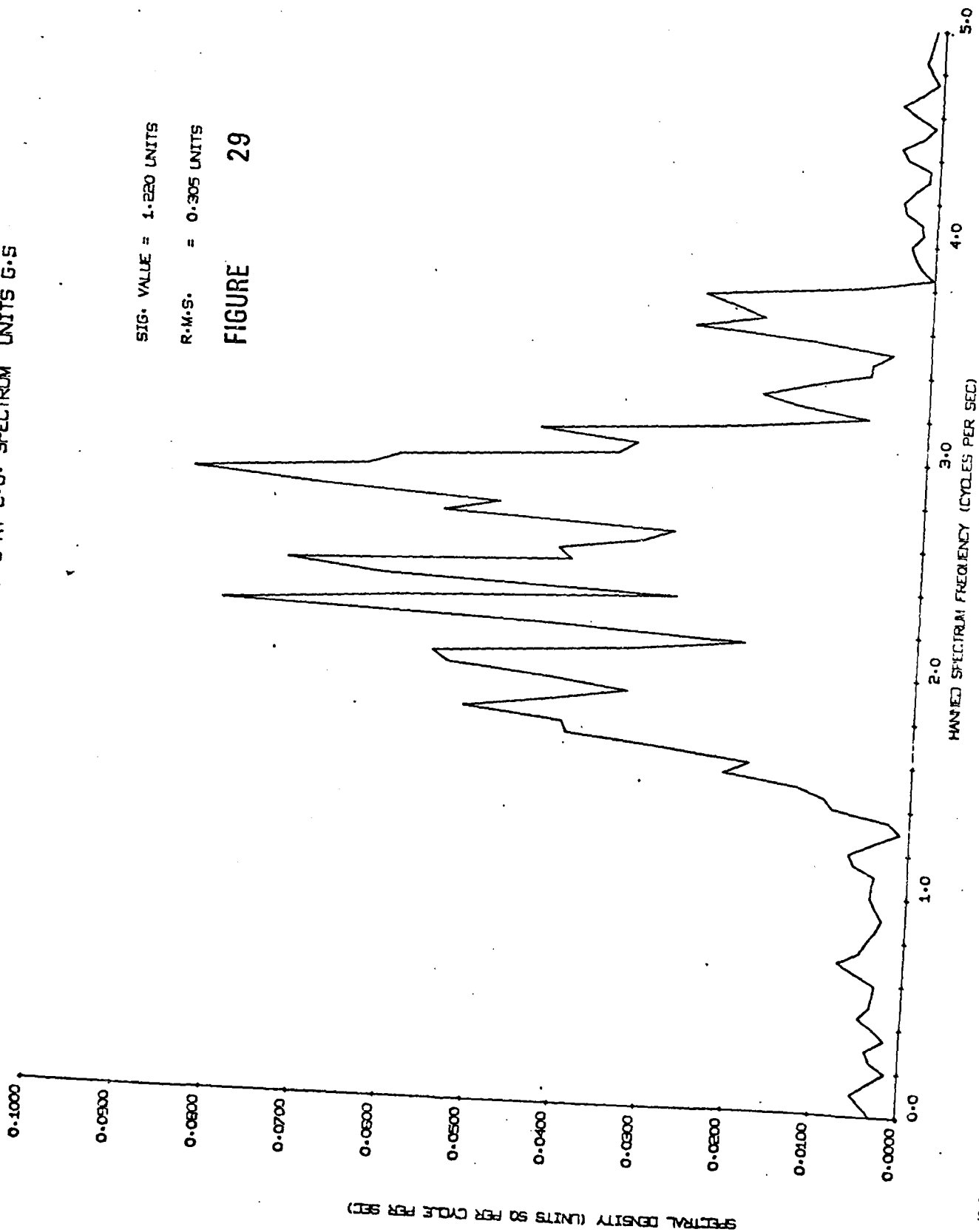
SIG. VALUE = 4.934 UNITS

R.M.S. = 1.241 UNITS

FIGURE 28



SEAKNIFE TESTS NO.1 S/T MAY '76 - RUN EDO VERT.G AT C.G. SPECTRUM UNITS G.S

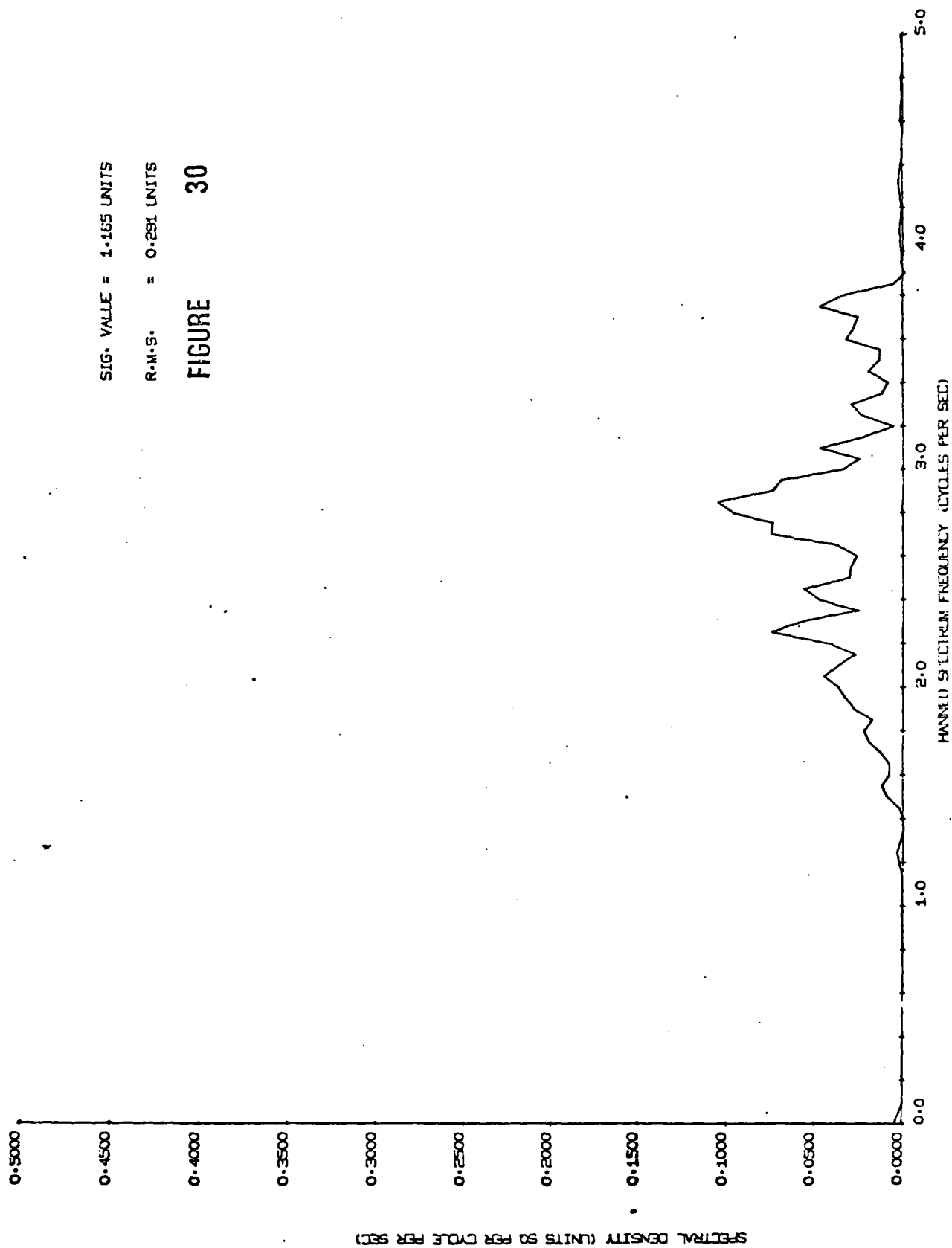


SEAKNIFE TESTS NO.1 S/T MAY '76 - RUN 890 VERT.G AT 80W SPECTRUM UNITS G.S

SIG. VALUE = 1.185 UNITS

R.M.S. = 0.291 UNITS

FIGURE 30

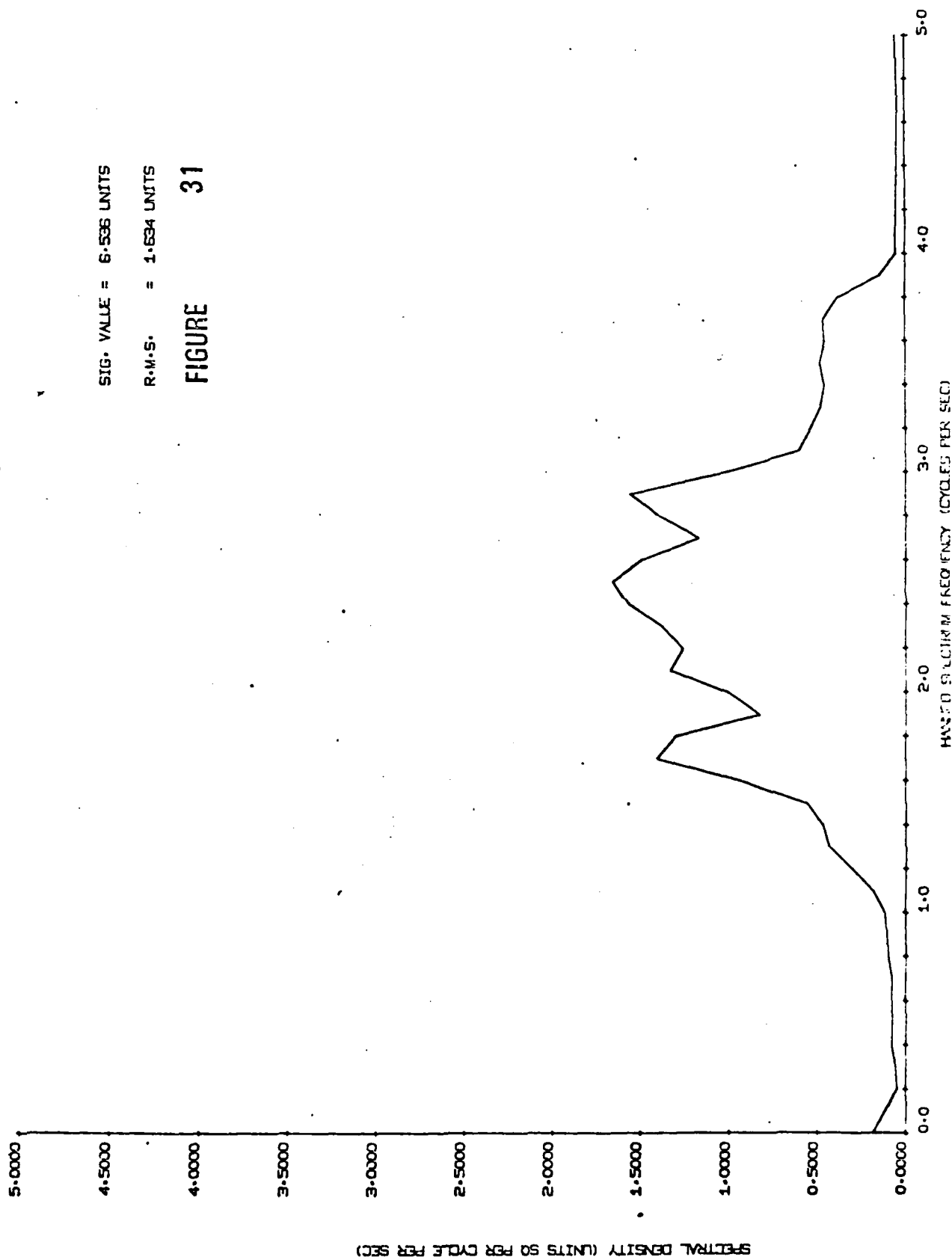


SEAKNIFE TESTS NO.1 S/T MAY '76 - RUN 890 ENCOUNTERED WAVE SPECTRUM UNITS CM/S

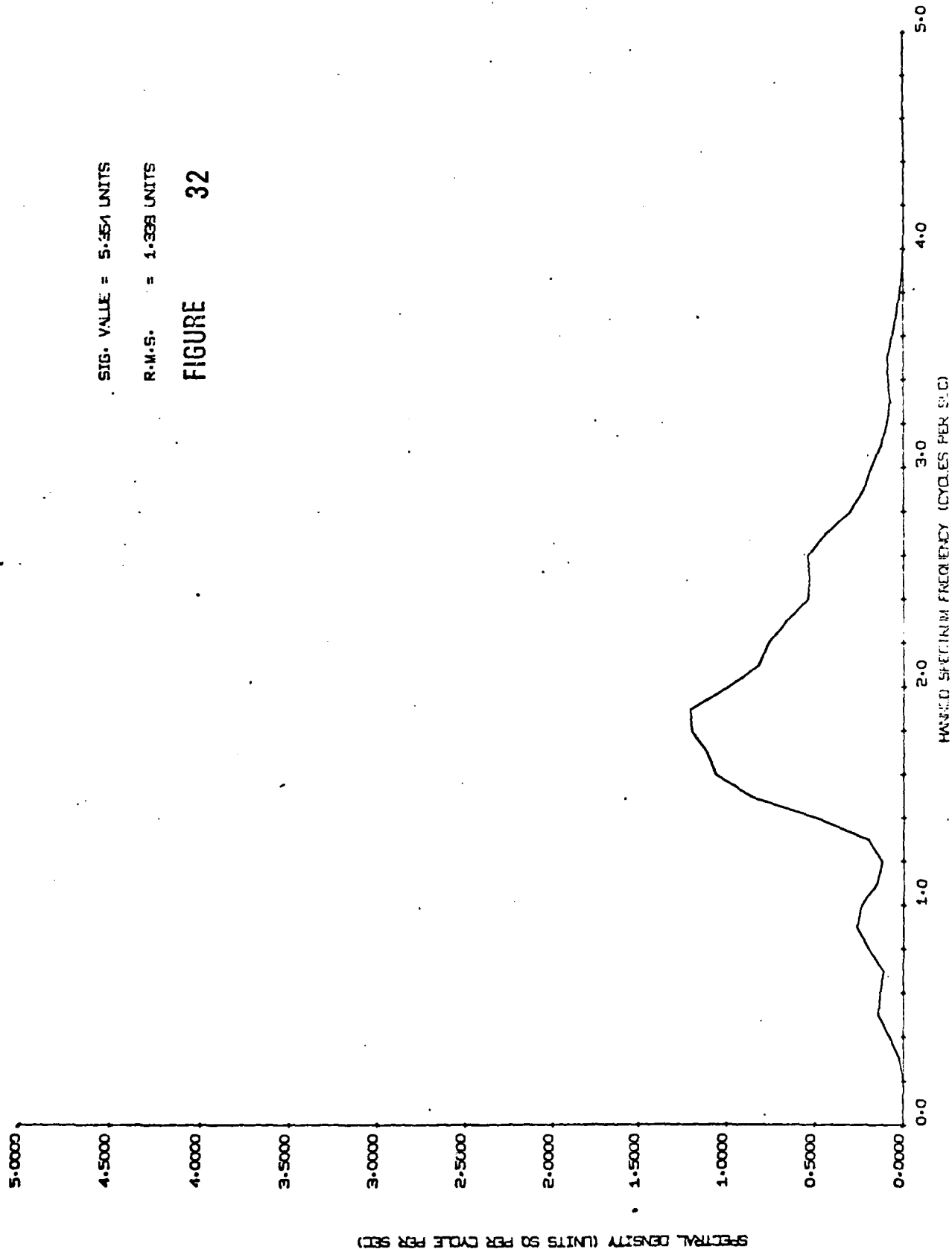
SIG. VALUE = 6.536 UNITS

R.M.S. = 1.634 UNITS

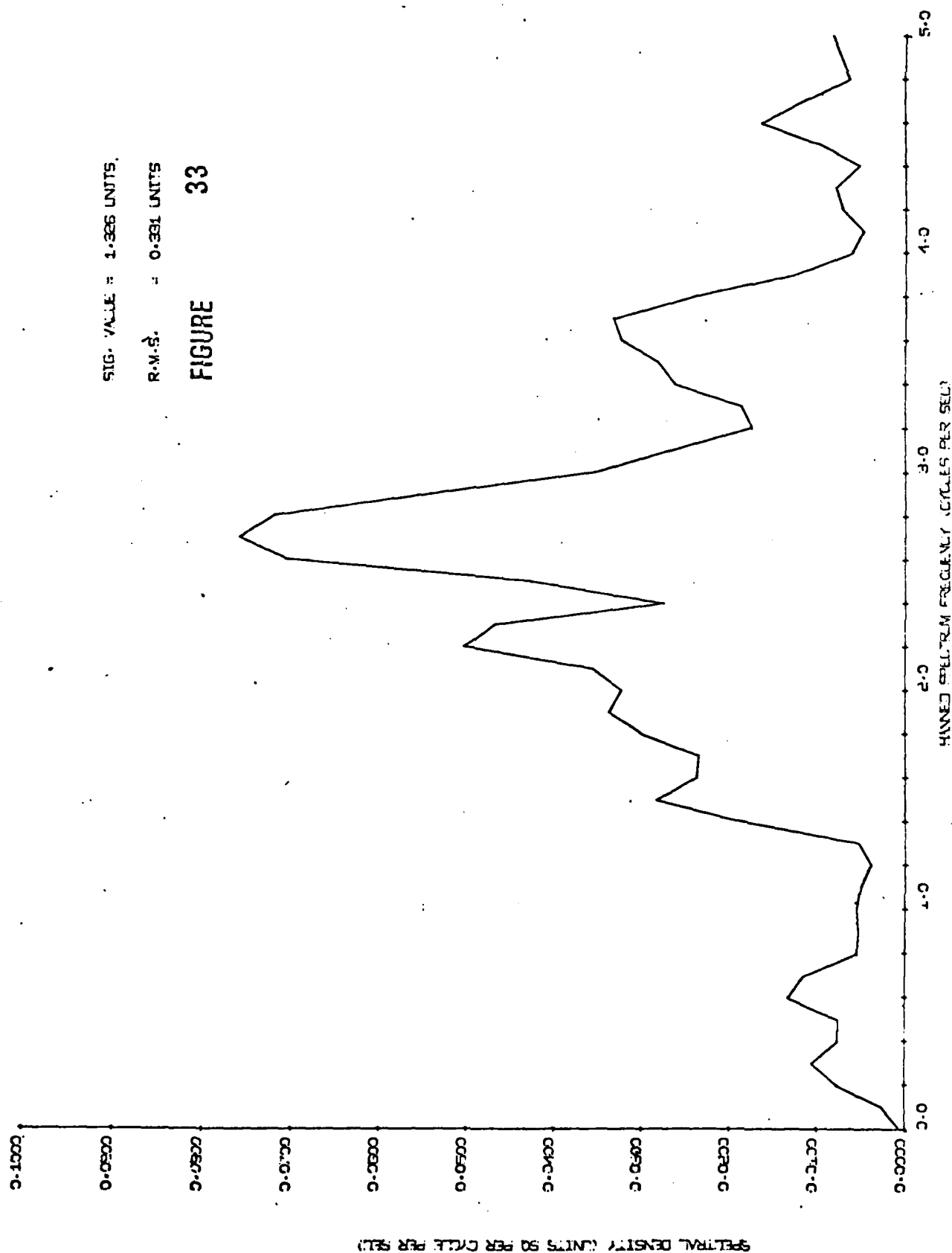
FIGURE 31



SEAWIFE TESTS NO.1 S/T MAY '76 - RUN 881 HEAVE SPECTRUM UNITS CENTIMETRES



SEAKNIFE TESTS NO.1 SAT MAY '76 - RUN 891 VERT.G AT C.G. SPECTRUM UNITS G.S

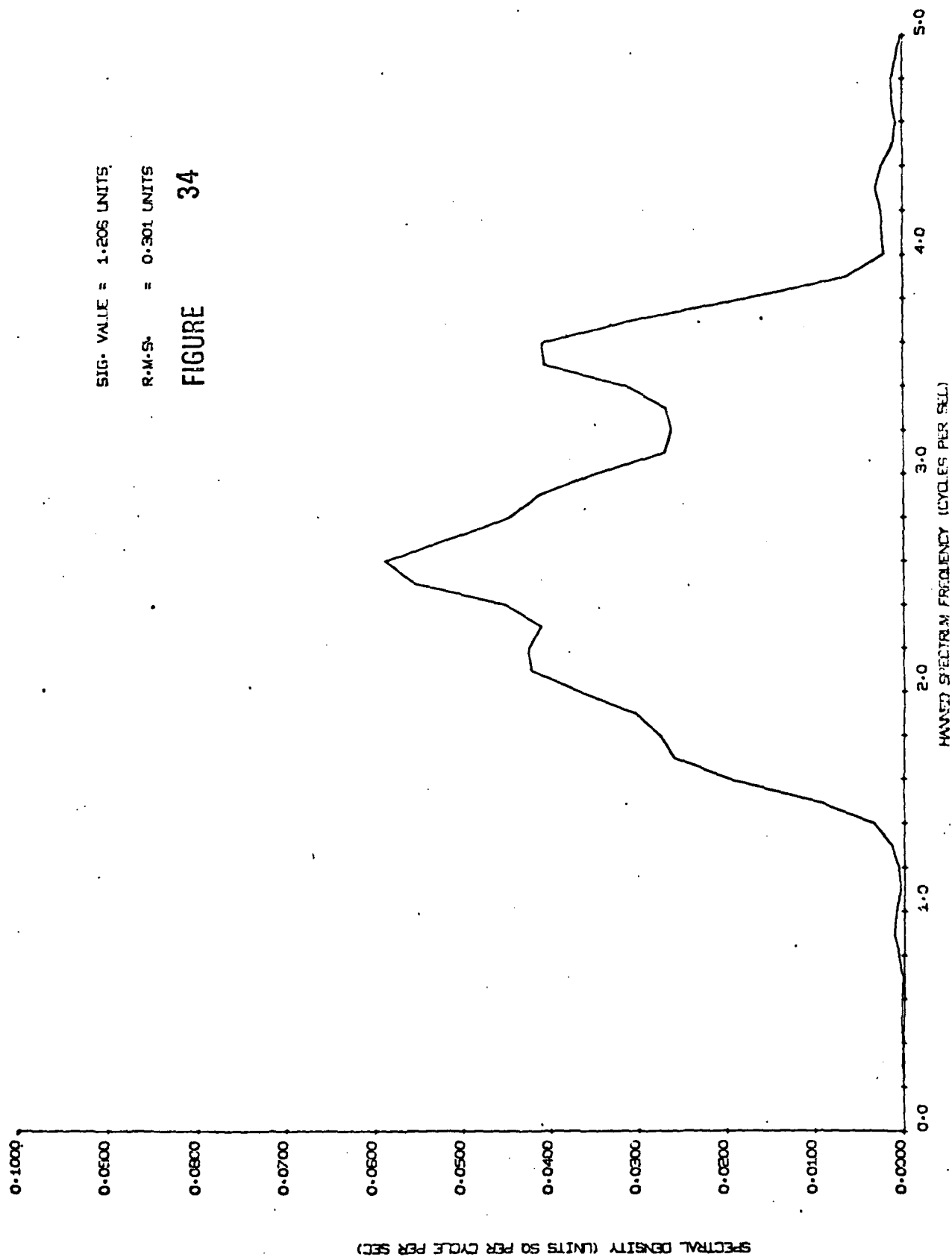


SIG. VALUE = 1.326 UNITS

R.M.S. = 0.331 UNITS

FIGURE 33

SEAKNIFE TESTS NO.1 S/T MAY '76 - RUN 891 VERT.G AT BOW SPECTRUM UNITS G.5

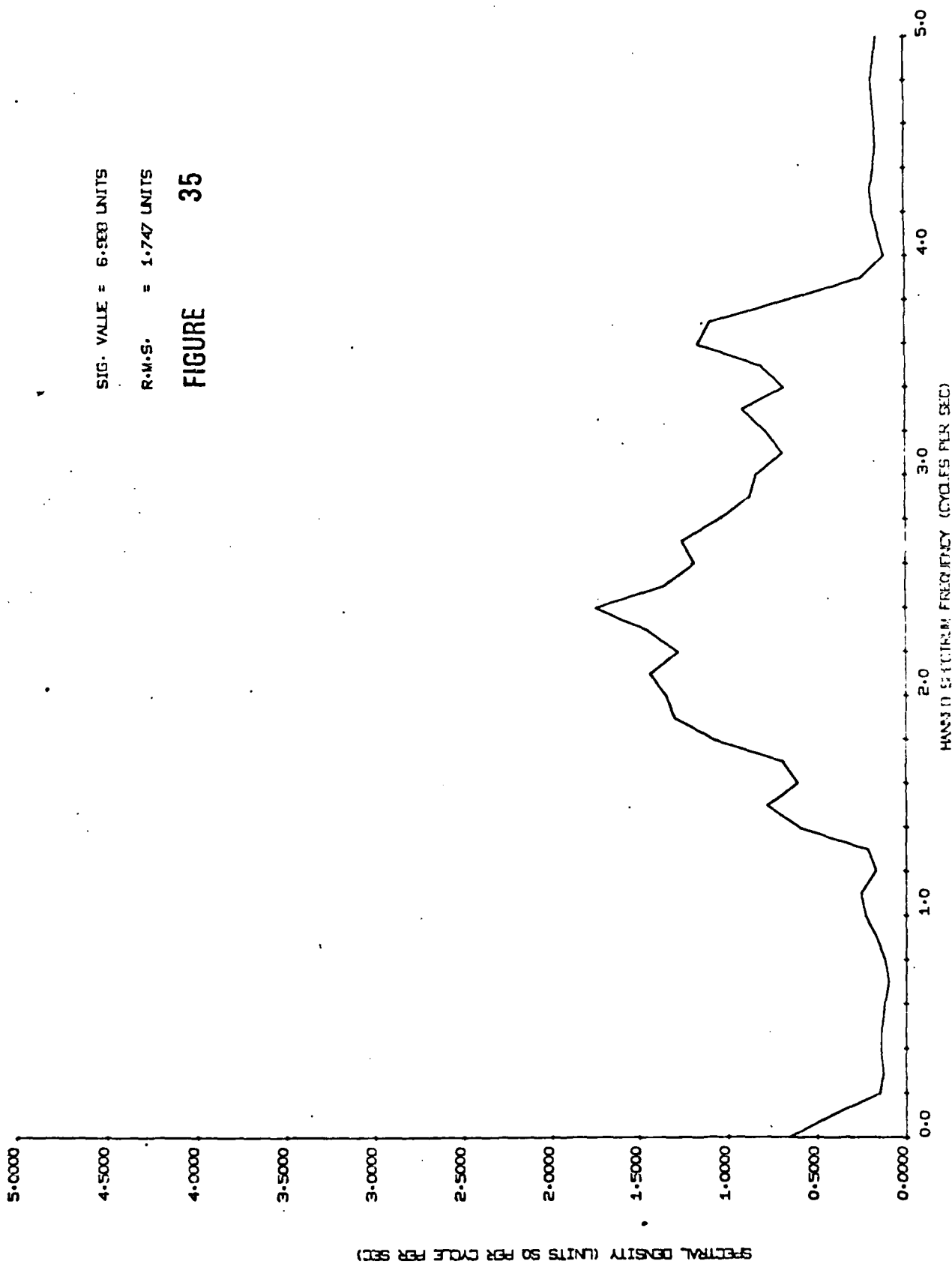


SEAKNIFE TESTS NO.1 S/T MAY '76 - RUN 891 ENCOUNTERED WAVE SPECTRUM UNITS CWS

SIG. VALLE = 6.988 UNITS

R.M.S. = 1.747 UNITS

FIGURE 35



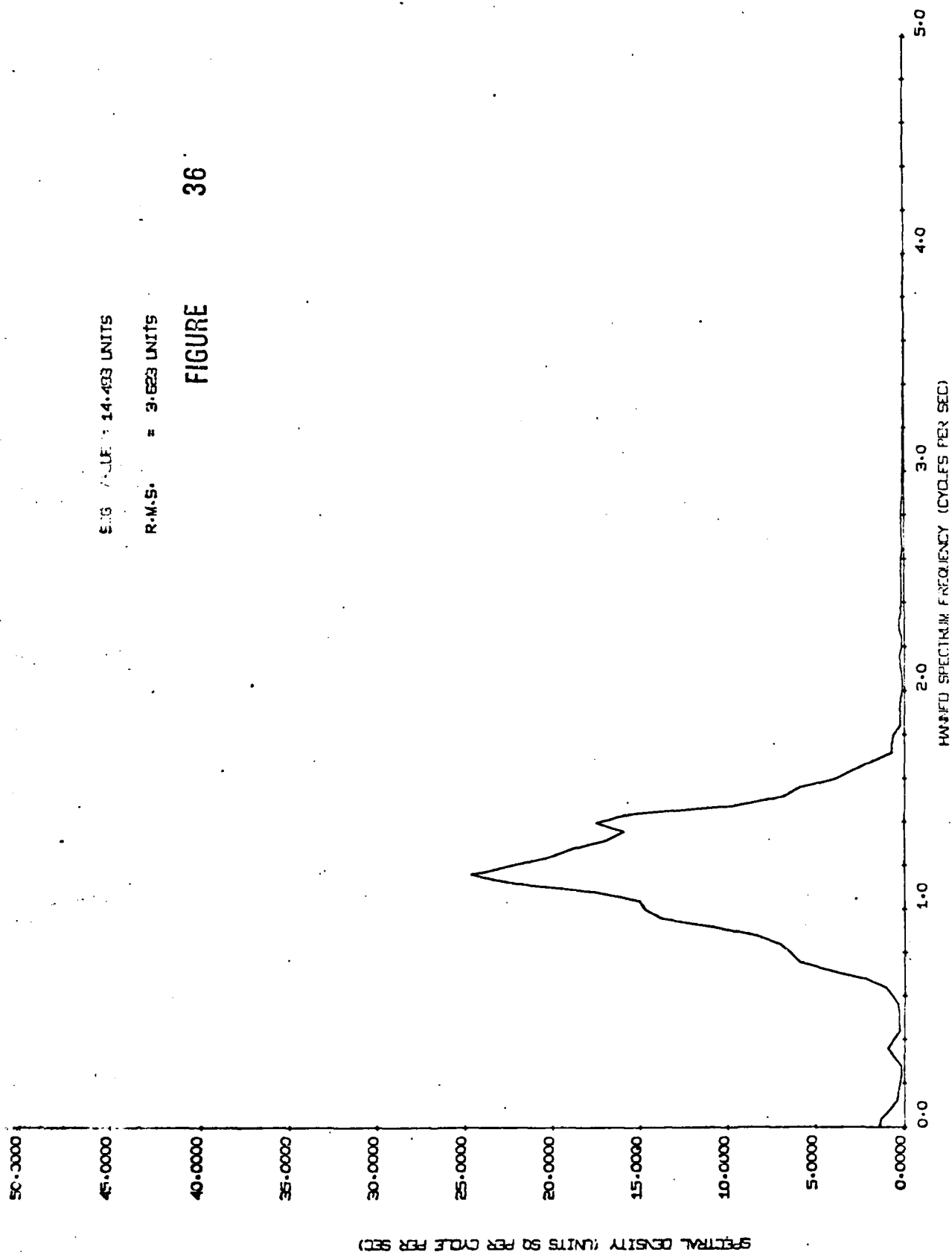
TEST NO. 1 MAY 17 - RUN 1971 - 104 SPECTRUM (UNITS PER DEGREE)

PEAK VALUE = 14.493 UNITS

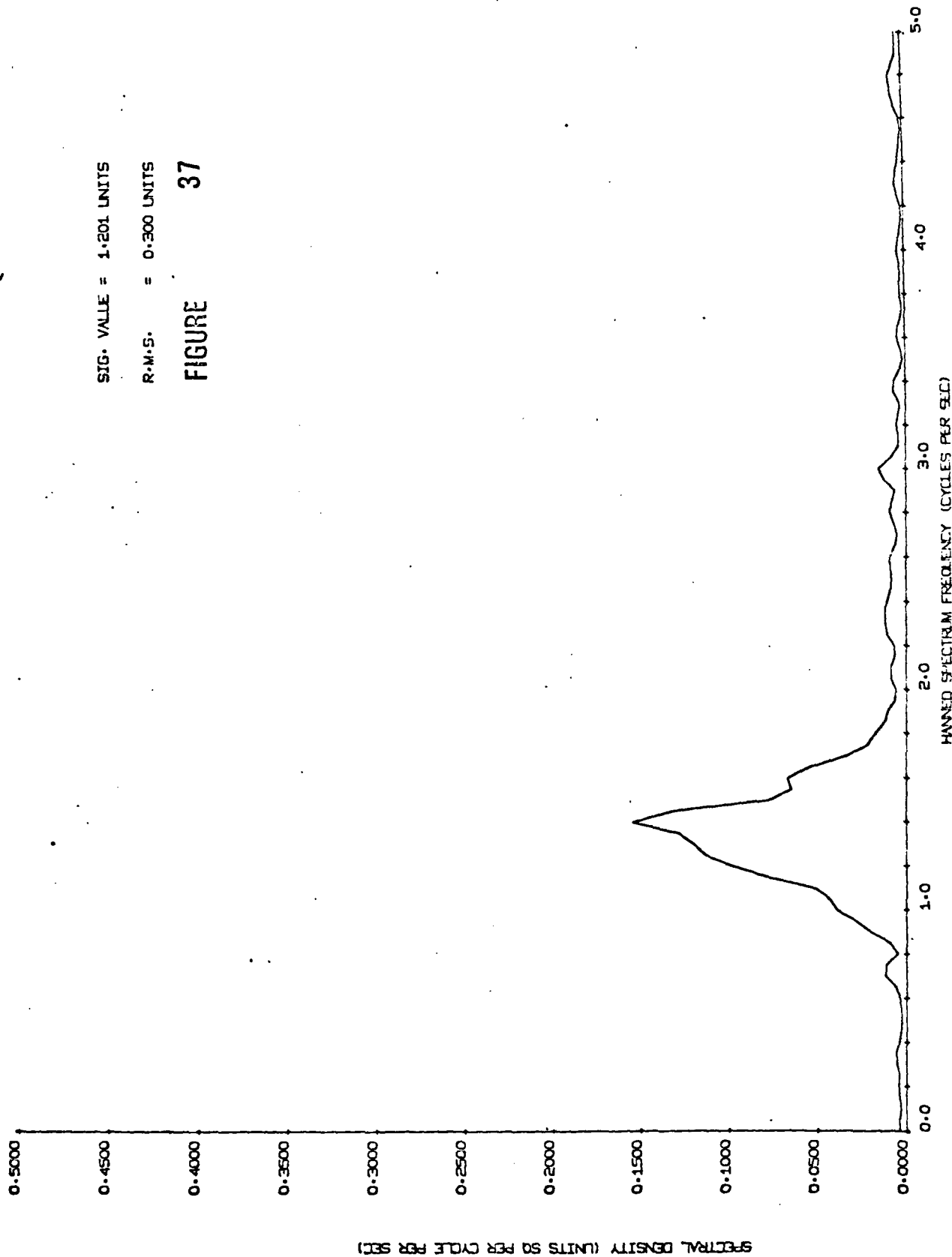
R.M.S. = 3.623 UNITS

FIGURE

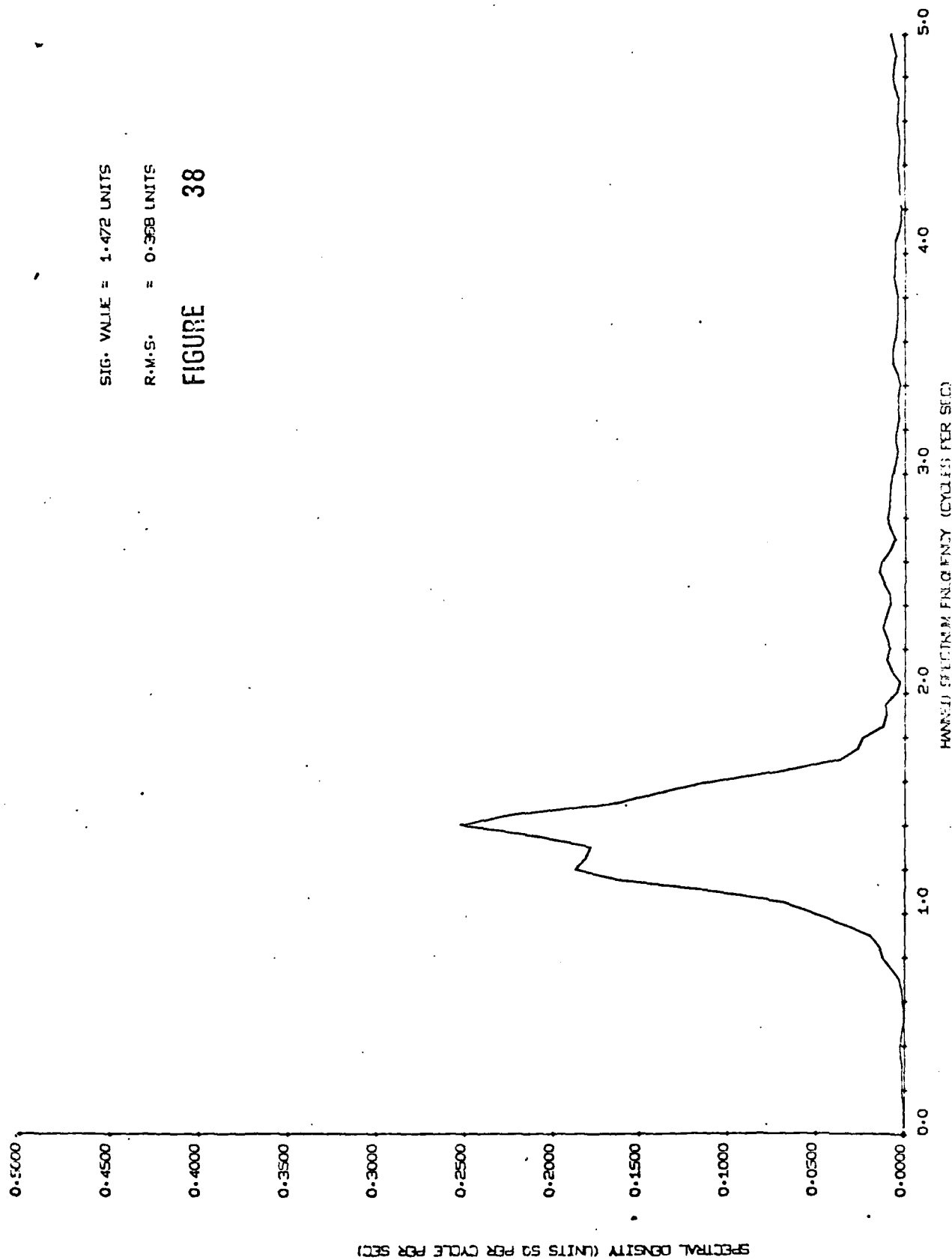
36



SEAKNIFE TESTS NO.1 SAT MAY '76 - RUN 893 VERT.G AT C.G. SPECTRLM UNITS G.S



SEAKNIFE TESTS NO.1 S/T MAY '76 - RUN 803 VERT.G AT 60W SPECTRUM UNITS G.S



SIG. VALUE = 1.472 UNITS

R.M.S. = 0.368 UNITS

FIGURE 38

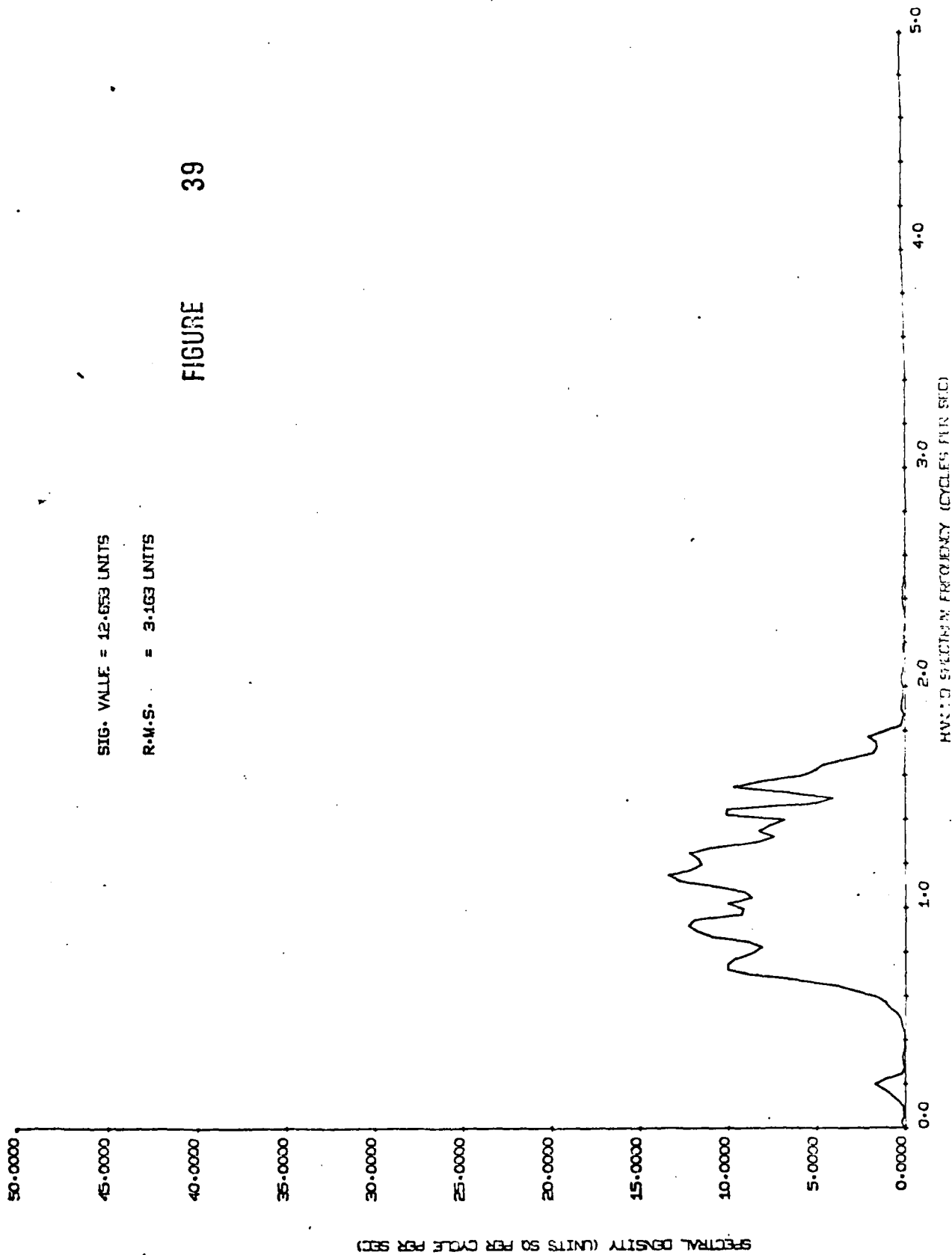
SEAKNIFE TESTS NO.1 S/T MAY '76 - RUN 893 ENCOUNTERED WAVE SPECTRUM UNITS C/M5

SIG. VALUE = 12.653 UNITS

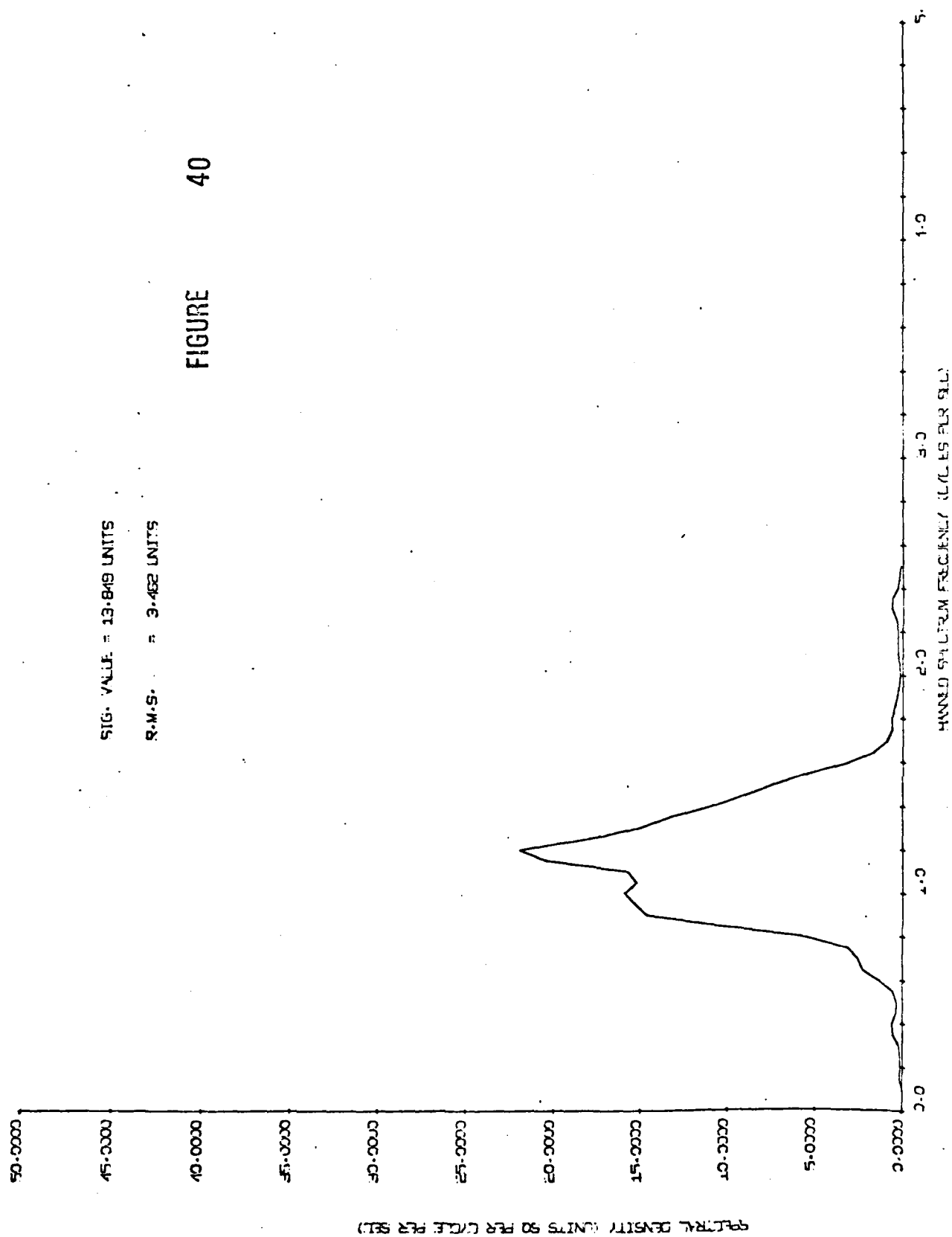
R.M.S. = 3.163 UNITS

FIGURE

39



SEAKNIFE TESTS NO.1 S/T MAY '76 -- RUN 894 PITCH SPECTRUM UNITS DEGREES



SEMI-LOG TESTS NO. 15 MAY 73 - RUN 99 HEAVE SPECTRA UNITS CENTIMETRES

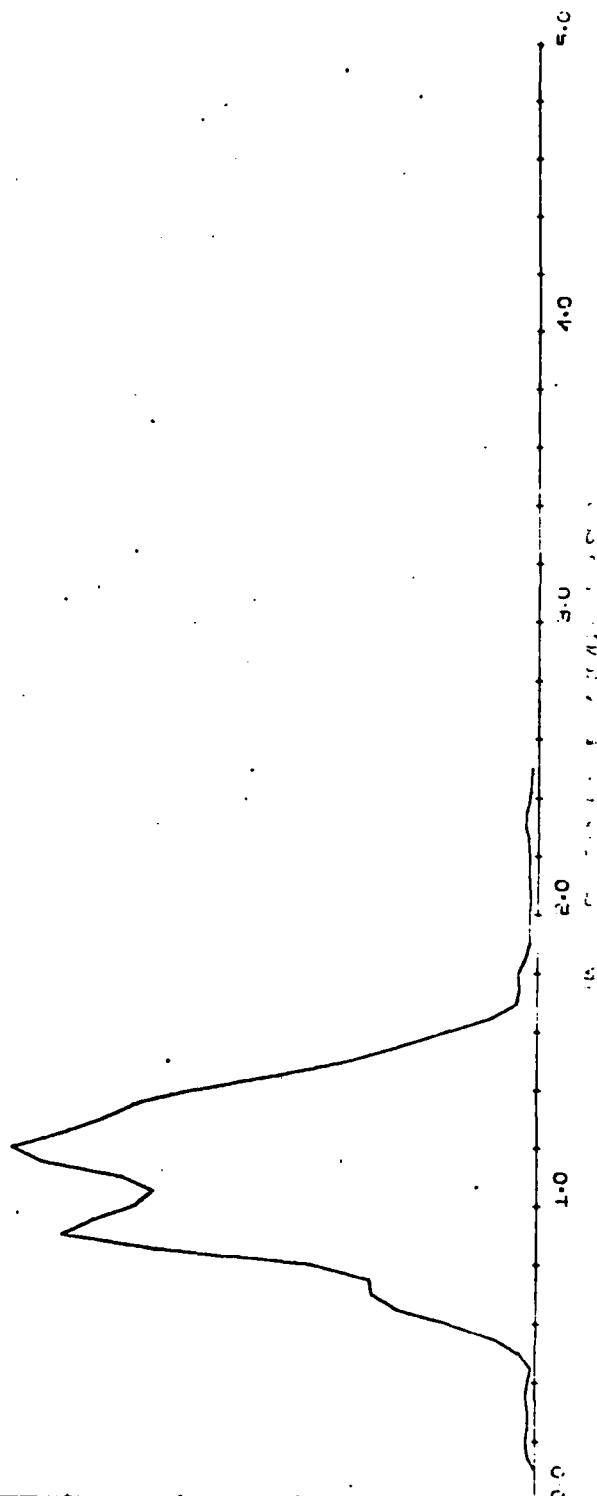
50.0000
45.0000
40.0000
35.0000
30.0000
25.0000
20.0000
15.0000
10.0000
5.0000
0.0000

SPECTRAL DENSITY (UNITS SQ PER CYCLE PER SEC)

STD. VALUE 15.468 UNITS
R.M.S. = 3.957 UNITS

FIGURE

41

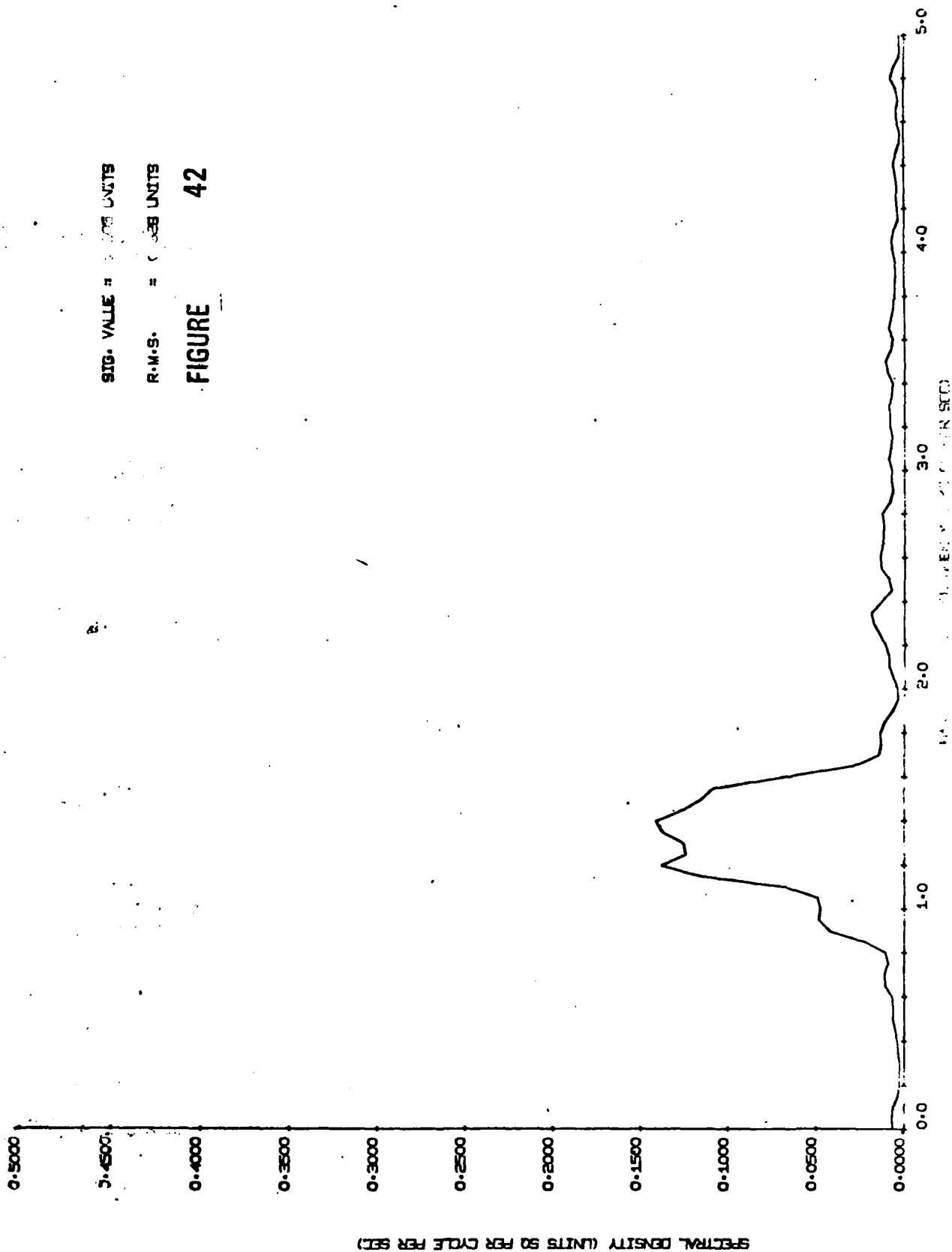


SEAKNIFE TESTS NO. 2 9 MAY 1973 - RUN BE4 VERT. 0 AT 0.0 SPECTRUM UNITS 0.5

SIG. VALUE = 0.000 UNITS

R.M.S. = 0.000 UNITS

FIGURE 42

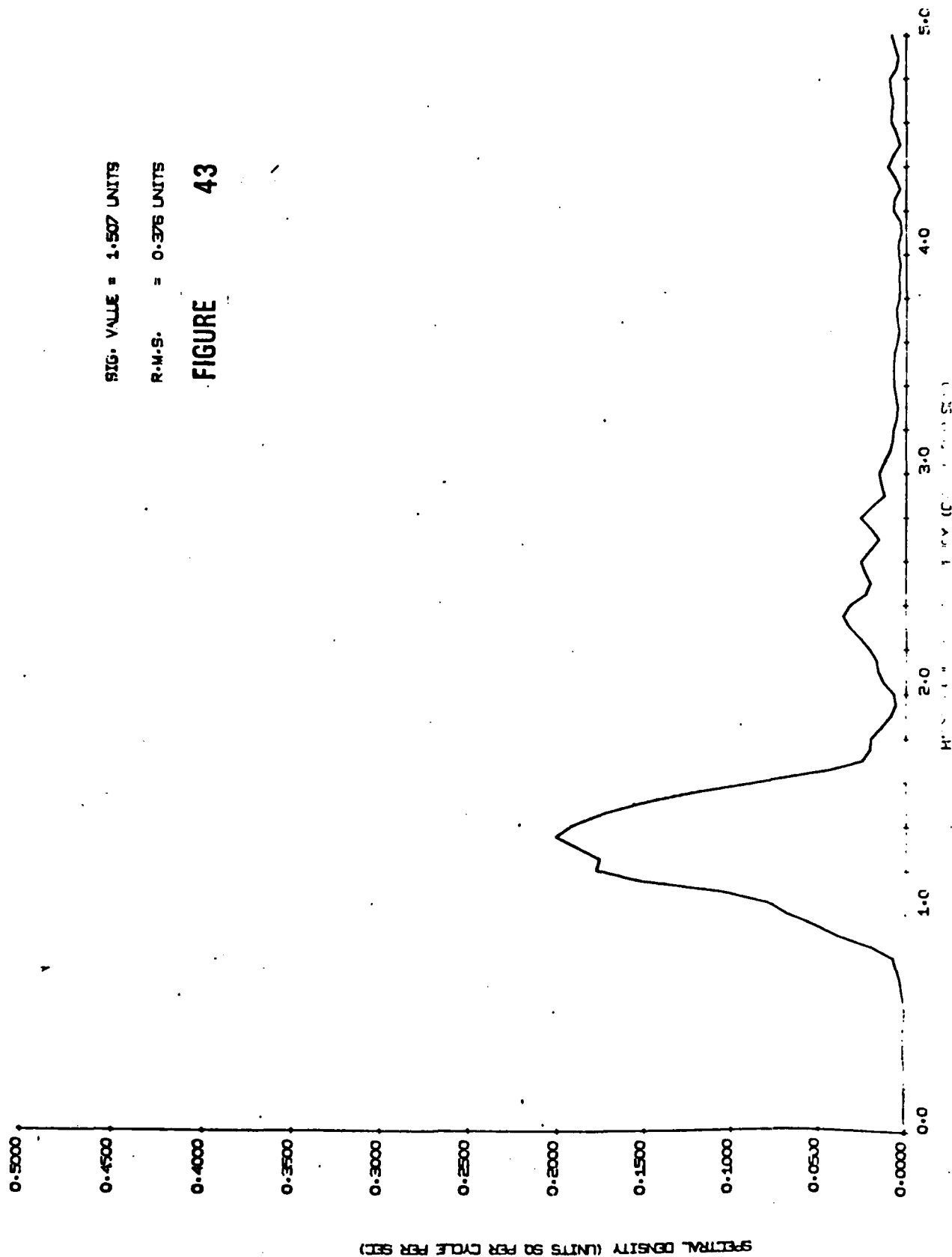


SEAKNIFE TESTS NO.1 S/T MAY '76 - RUN 894 VERT.G AT 80W SPECTRUM UNITS G.S

SIG. VALUE = 1.507 UNITS

R.M.S. = 0.376 UNITS

FIGURE 43



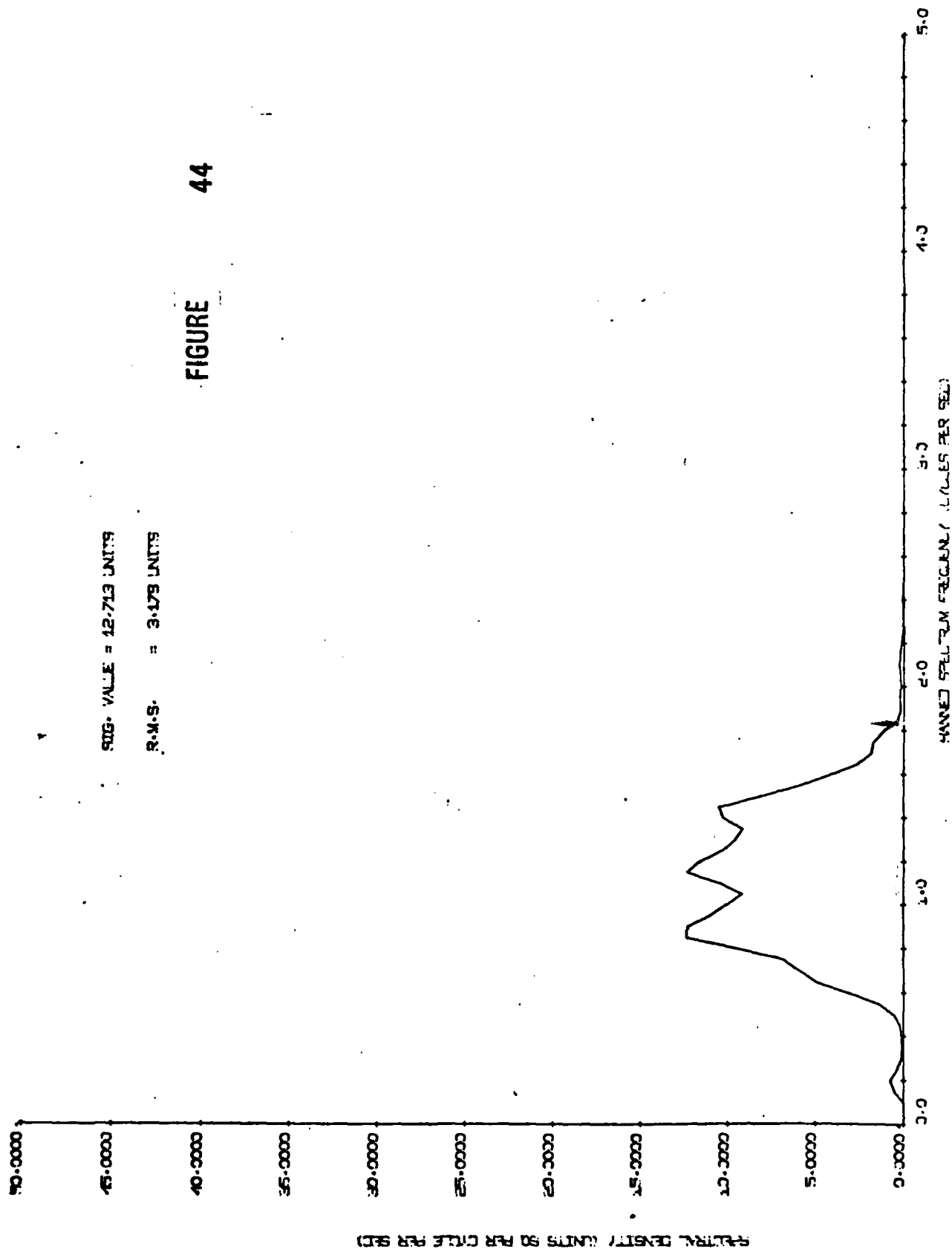
SEAKNIFE TESTS NO.1 S T MAY '76 -- RUN B94 ENCOUNTERED WAVE SPECTRUM UNITS DMS

SIG. VALUE = 12.713 UNITS

R.M.S. = 3.178 UNITS

FIGURE

44

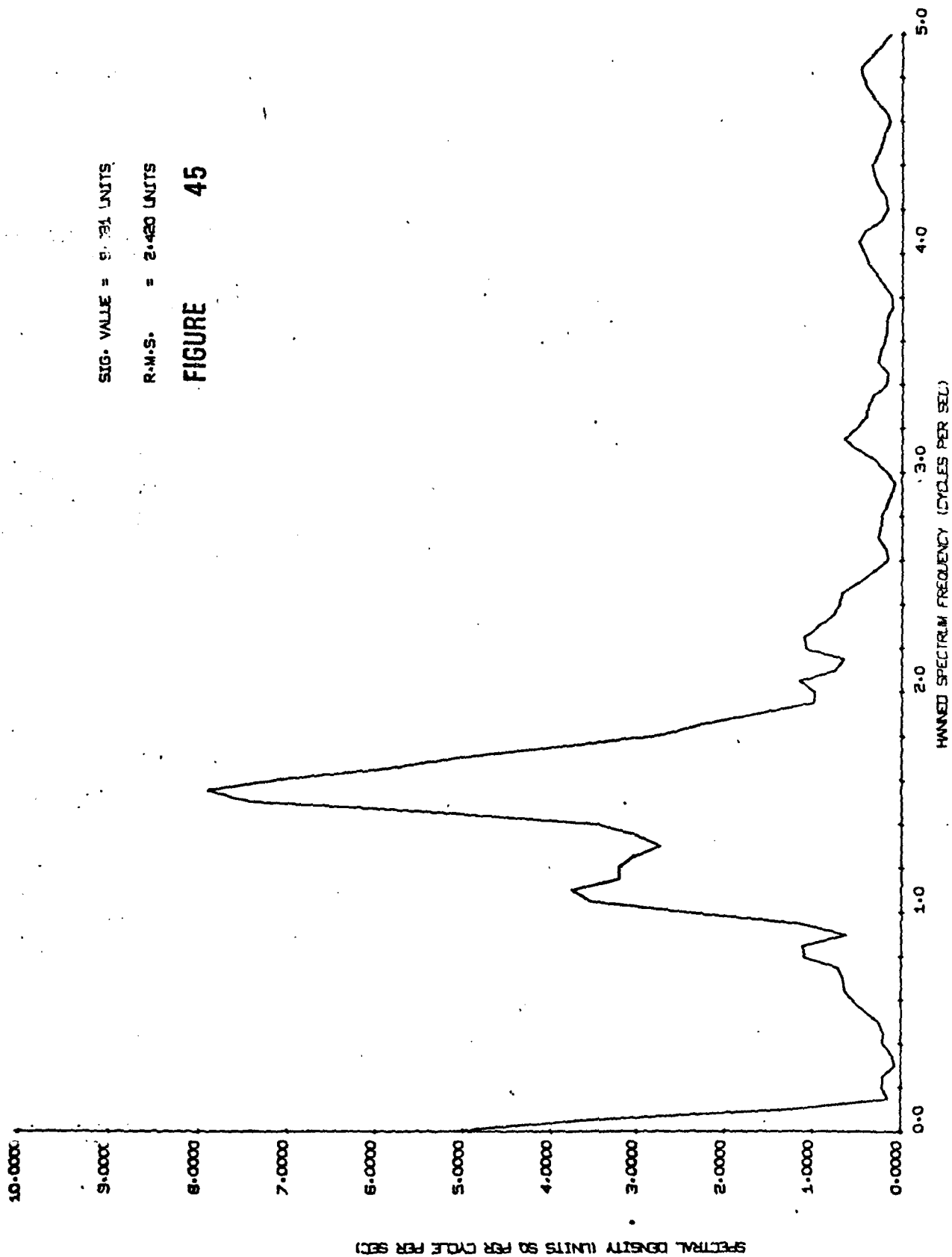


SPANNING TESTS NO. 1 5/7 MAY '76 - RUN B86 PITCH SPECTRUM UNITS DEGREES

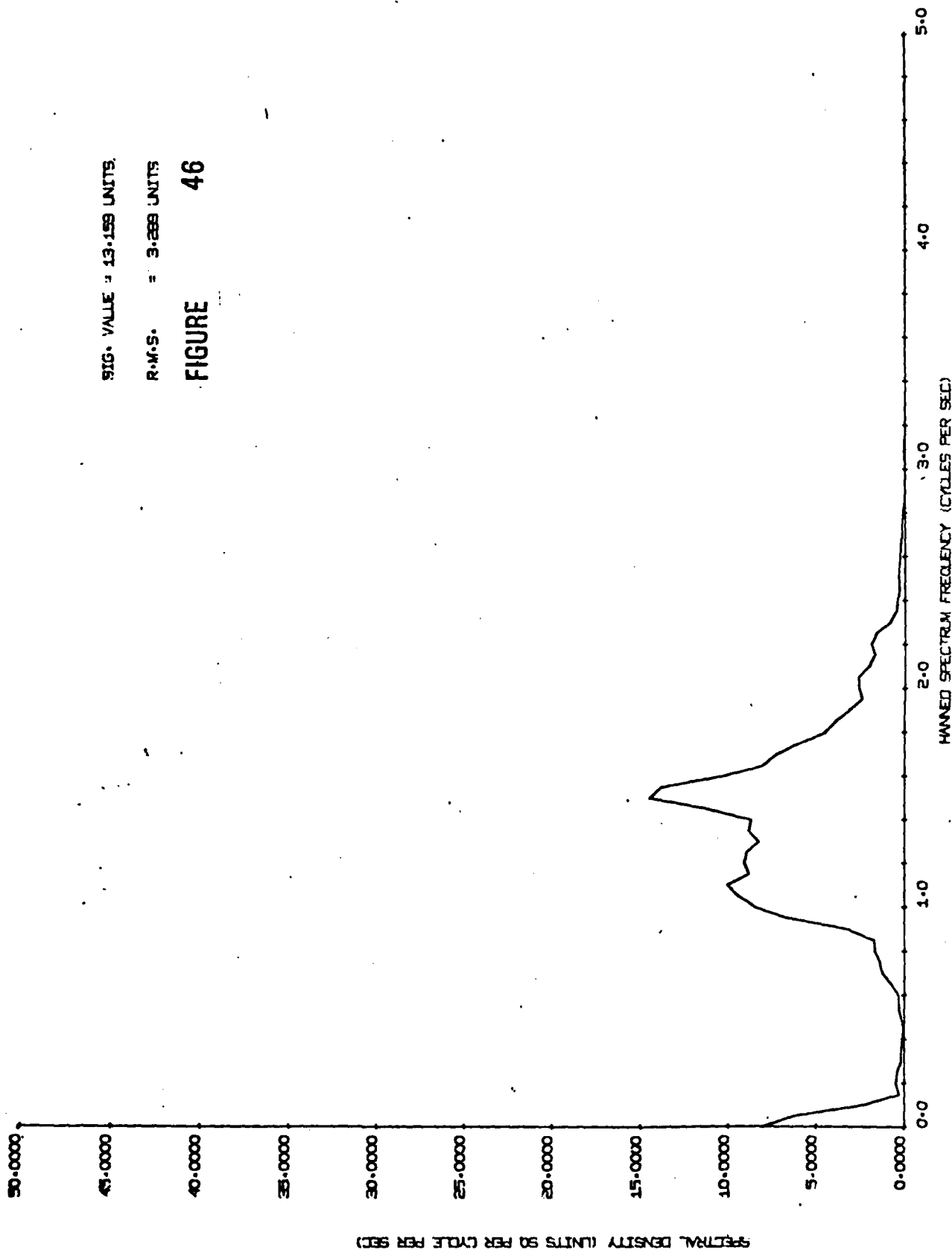
SIG. VALUE = 8.381 UNITS

R.M.S. = 2.420 UNITS

FIGURE 45



SEAKNIFE TESTS NO.1 S/T MAY '76 - RUN 896 HEAVE SPECTRUM UNITS CENTIMETRES

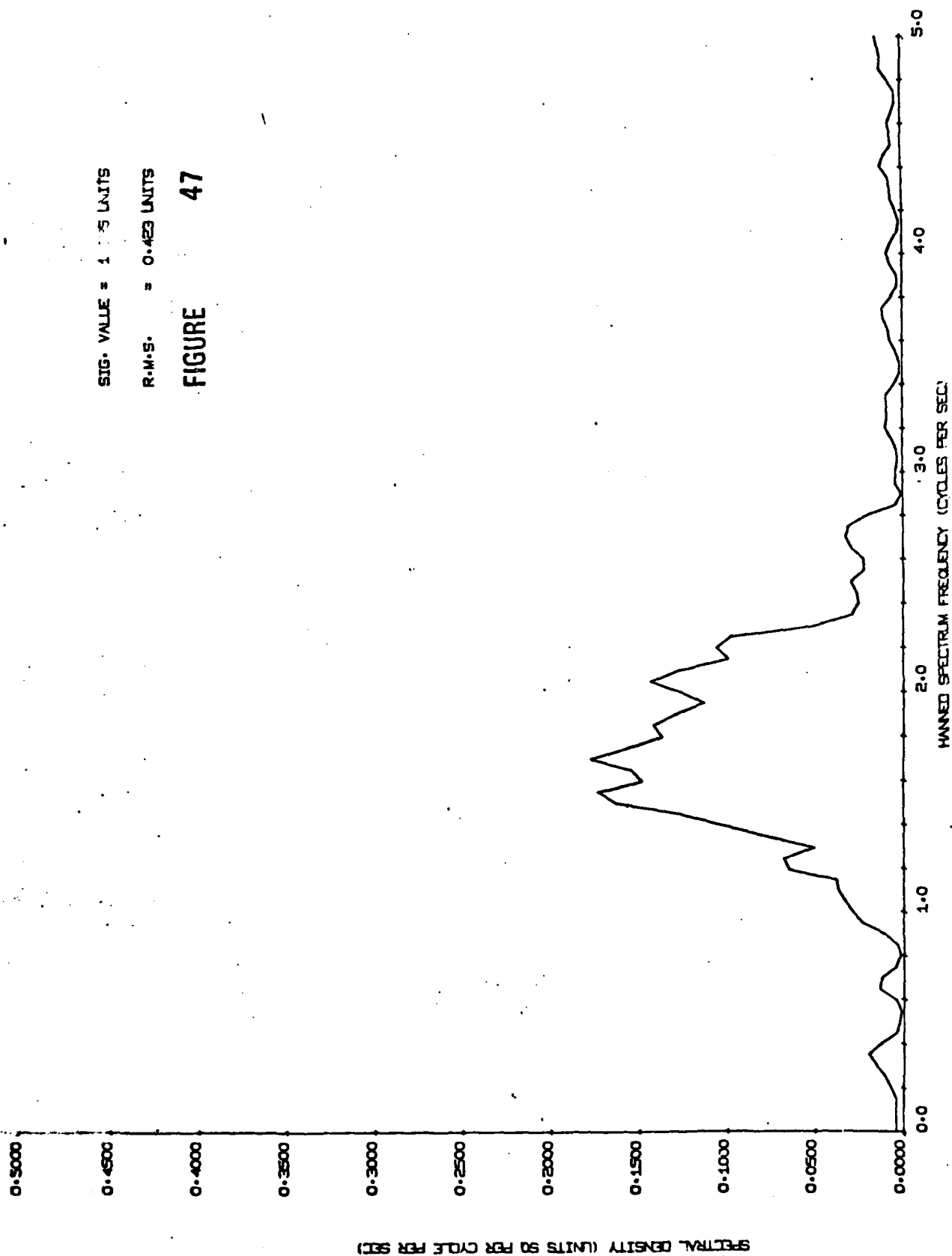


SEMANIFE TESTS NO 1 SAT MAY '76 - RUN 885 VERT. 13 AT C.C. SPECTRUM UNITS G.S

SIG. VALUE = 1.15 UNITS

R.M.S. = 0.423 UNITS

FIGURE 47

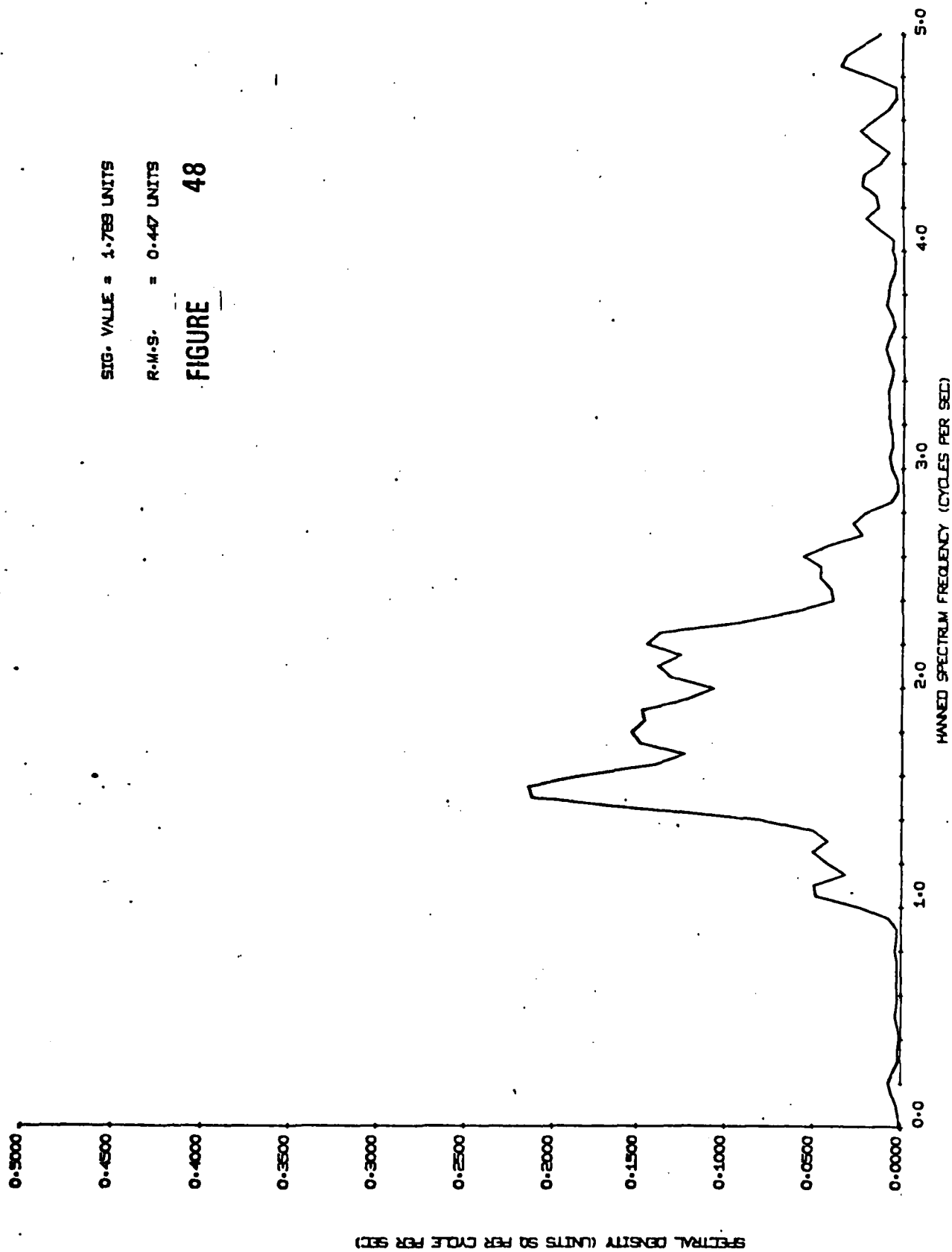


SEAKNIFE TESTS NO.1 SAT MAY '76 - RUN 696 VERT.G AT BOW SPECTRUM UNITS G.S

SIG. VALUE = 1.789 UNITS

R.M.S. = 0.447 UNITS

FIGURE 48

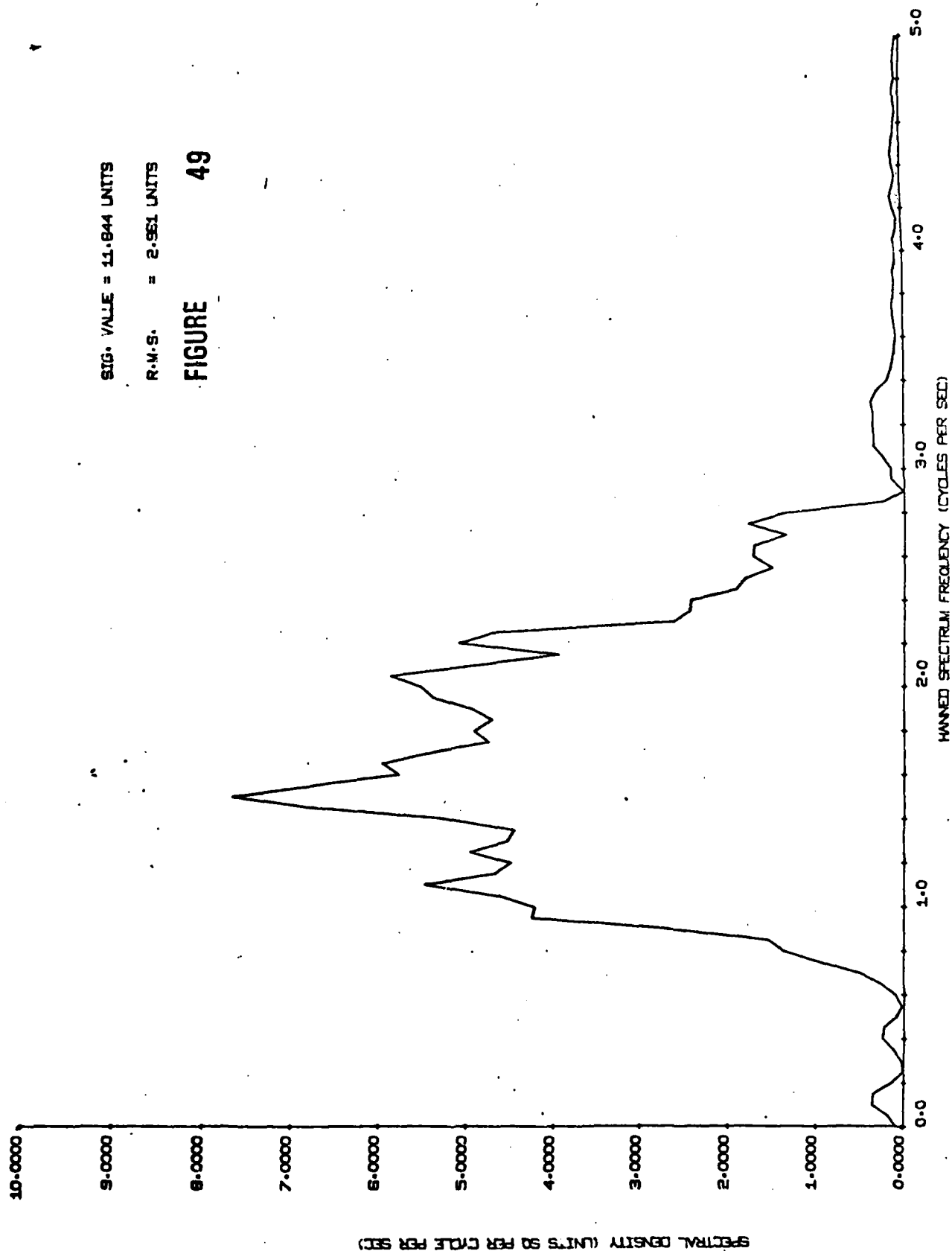


SEAKNIFE TESTS NO.1 S/T MAY '76 - RUN 996 ENCOUNTERED WAVE SPECTRUM UNITS CWS

SIG. VALUE = 11.844 UNITS

R.M.S. = 2.961 UNITS

FIGURE 49

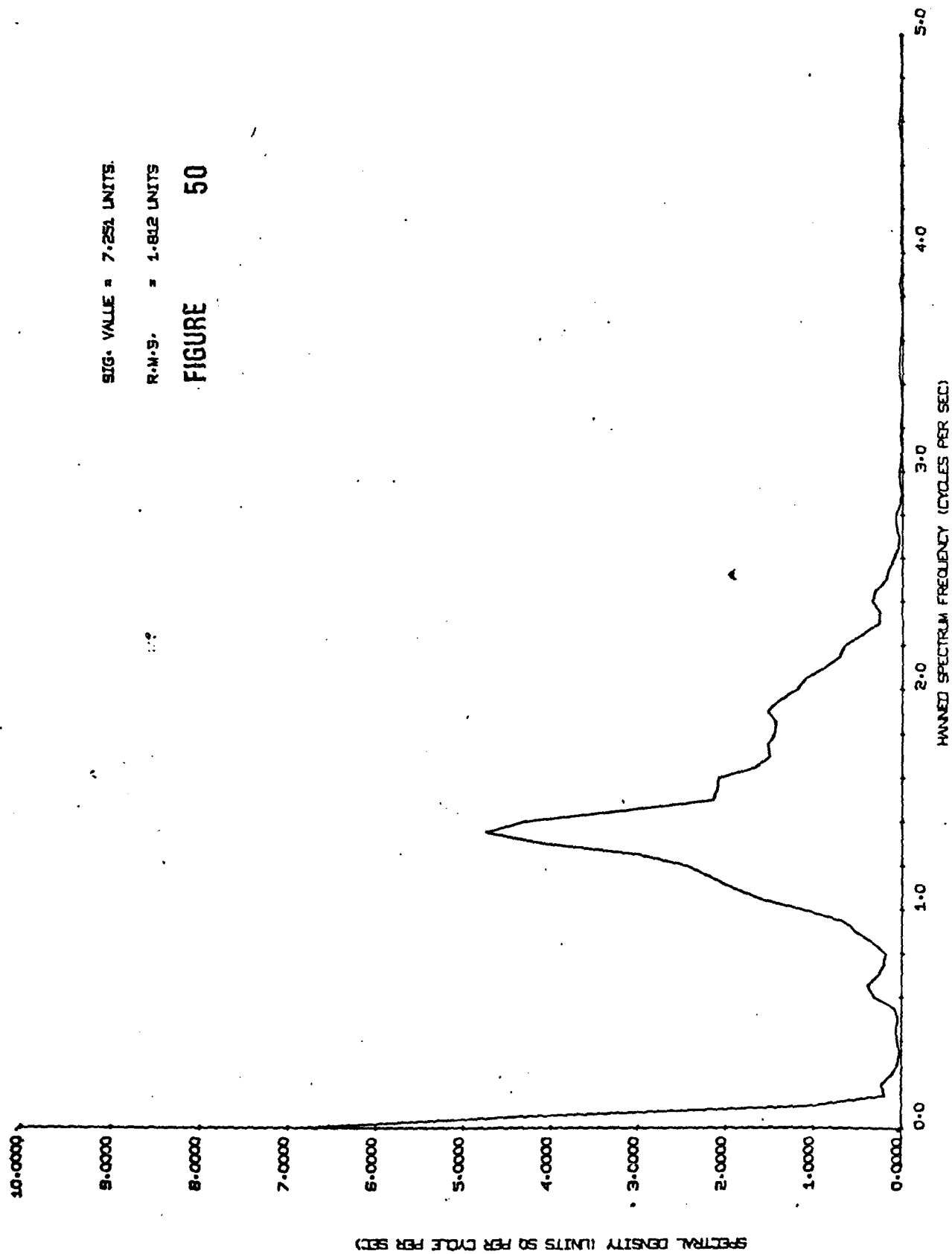


SEAKNIFE TESTS NO-1 SAT MAY '76 - RUN 887 PITCH SPECTRUM UNITS DEGREES

SIG. VALLE = 7.251 UNITS.

R.M.S. = 1.812 UNITS

FIGURE 50

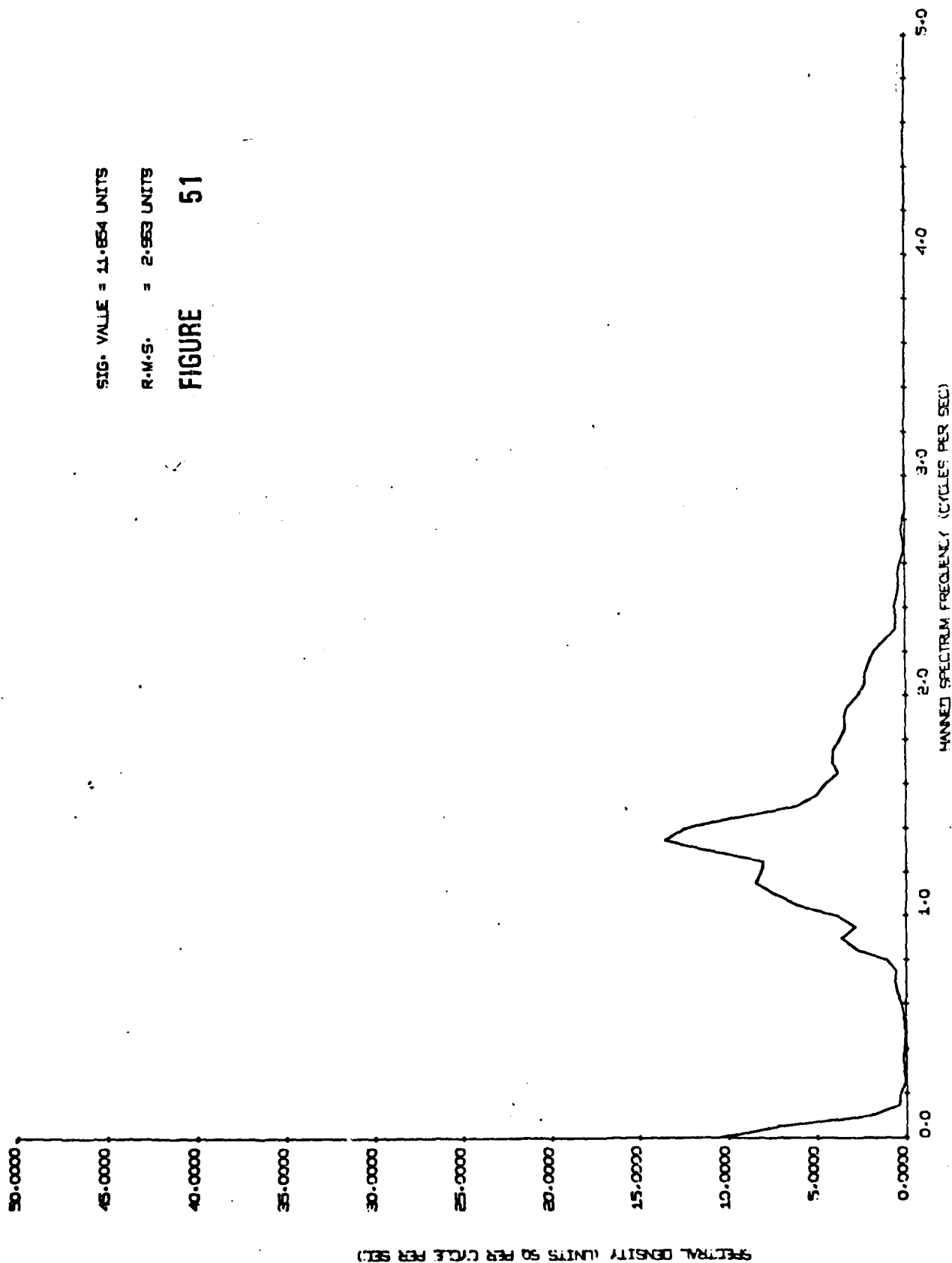


SEAKNIFE TESTS NO.1 SAT MAY '76 - RUN 897 HEAVE SPECTRUM UNITS CENTIMETRES

SIG. VALUE = 11.854 UNITS

R.M.S. = 2.953 UNITS

FIGURE 51

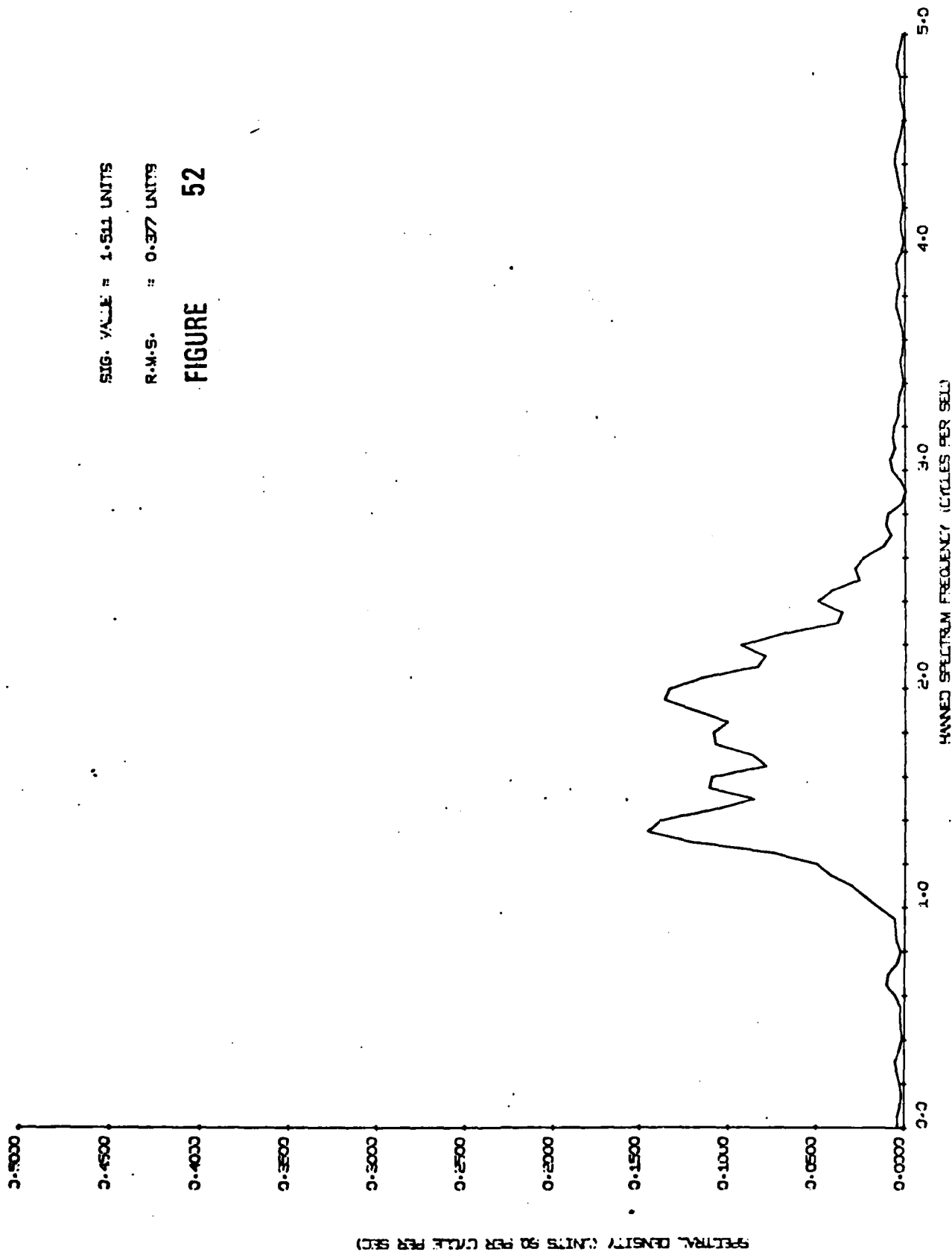


SEAKNIFE TESTS NO.1 9/7 MAY '76 - RUN 997 VERT.G AT 0.6. SPECTRUM UNITS G.S

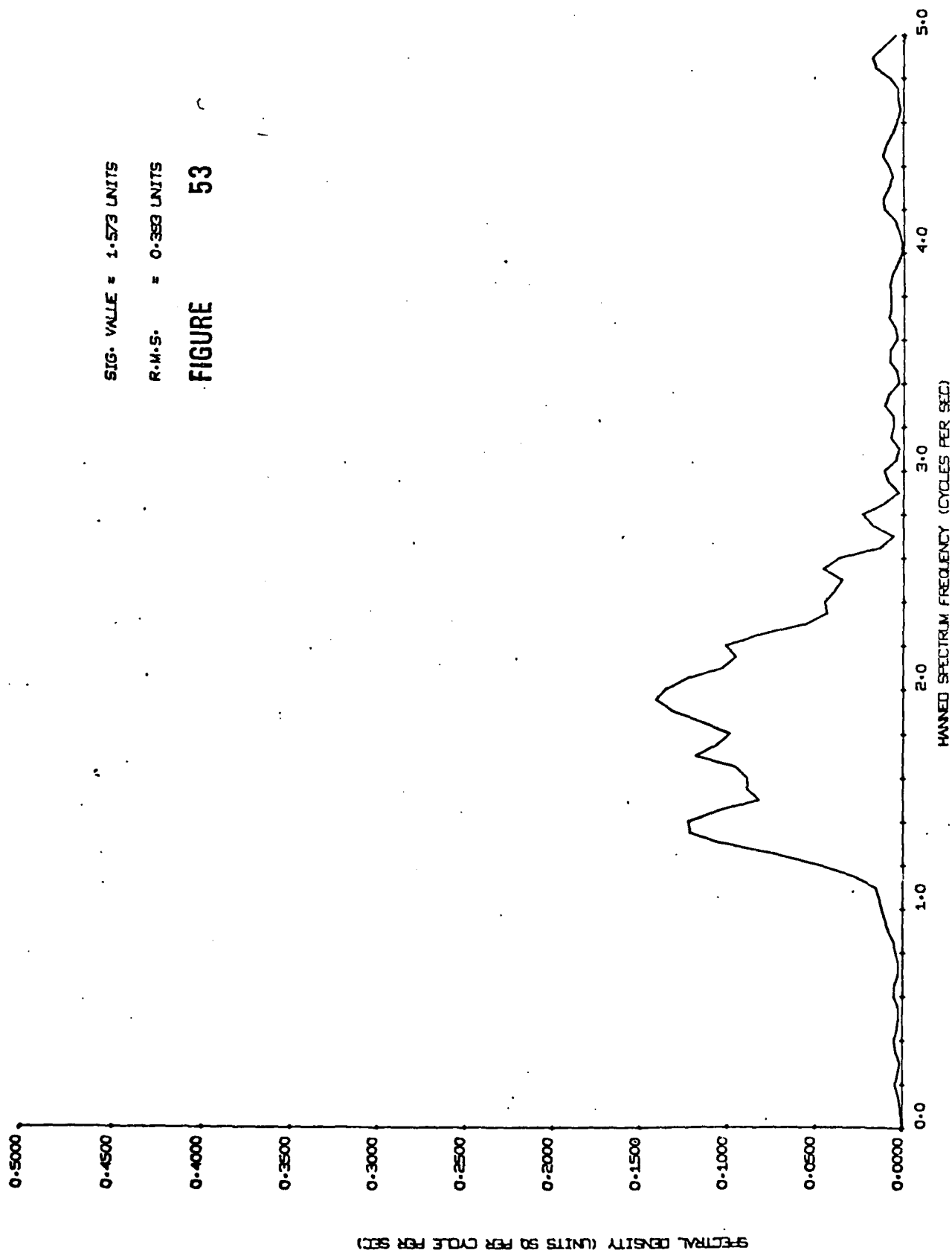
SIG. VALUE = 1.511 UNITS

R.M.S. = 0.377 UNITS

FIGURE 52



SEAWIFE TESTS NO.1 SAT MAY '76 - RUN 897 VERT.G AT 80W SPECTRUM UNITS G.S



SIG. VALUE = 1.573 UNITS

R.M.S. = 0.393 UNITS

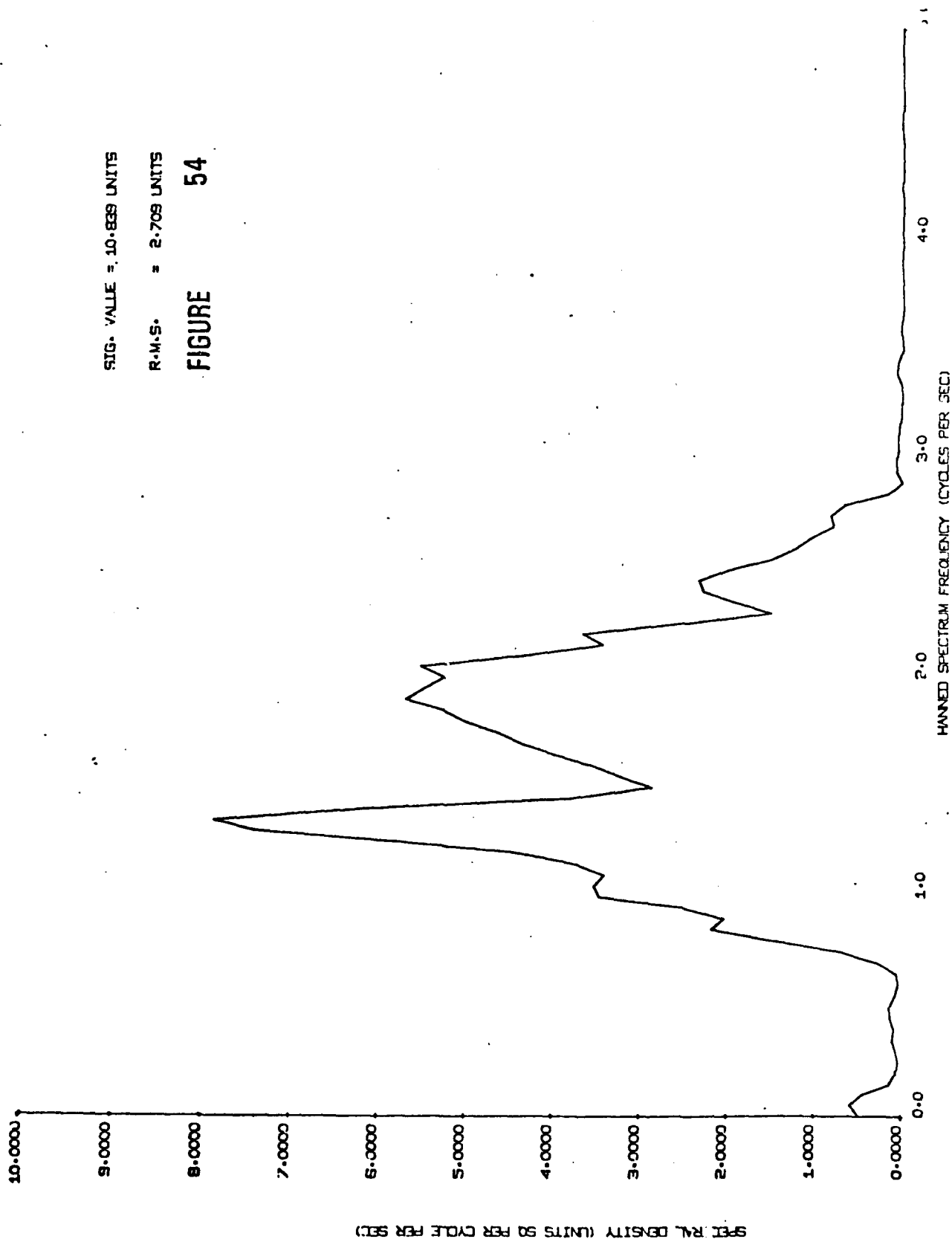
FIGURE 53

SEAKNIFE TESTS NO.1 S/T MAY '76 - RUN 897 ENCOUNTERED WAVE SPECTRUM UNITS CMS

SIG. VALUE = 10.839 UNITS

R.M.S. = 2.709 UNITS

FIGURE 54

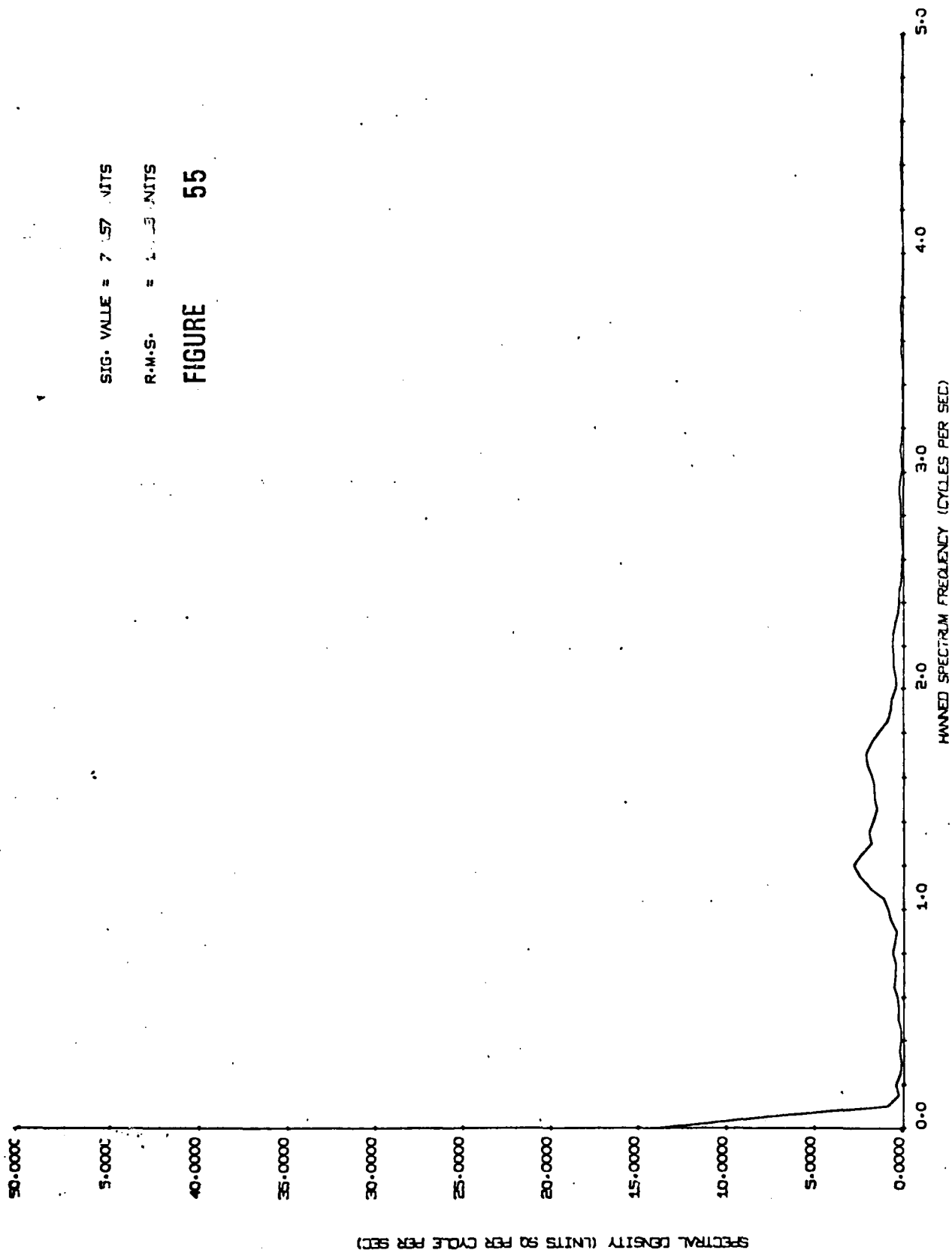


SEAKNIFE TESTS NO. 1 3/4 MAY '73 - RUN 998 PITCH SPECTRUM IN 75 DEGREES

SIG. VALUE = 7.57 NITS

R.M.S. = 1.13 NITS

FIGURE 55

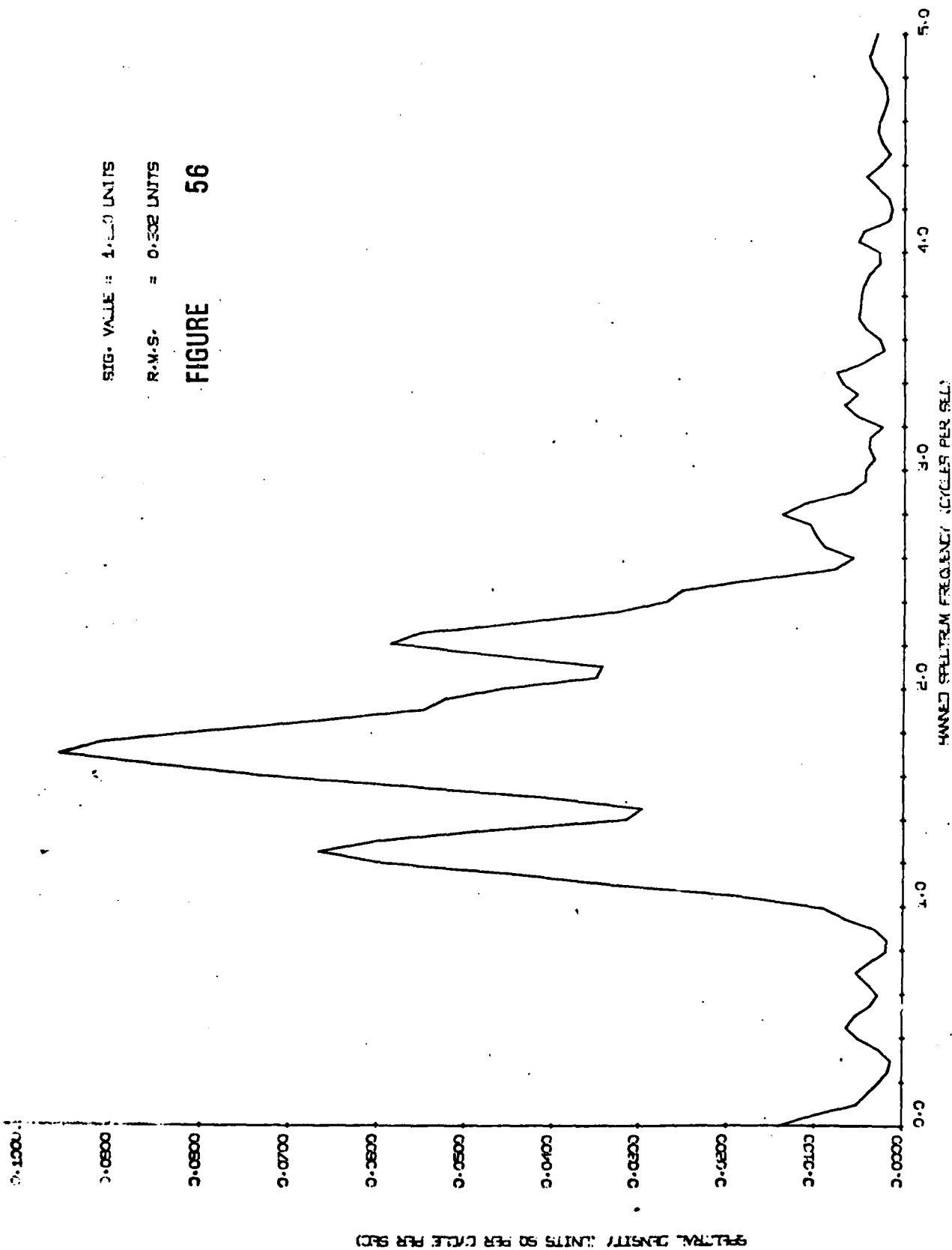


BLANKET TESTS NO. 1 9/7 MAY '78 - RUN 888 VER. B AT C.G. SPECTRUM UNITS G.S

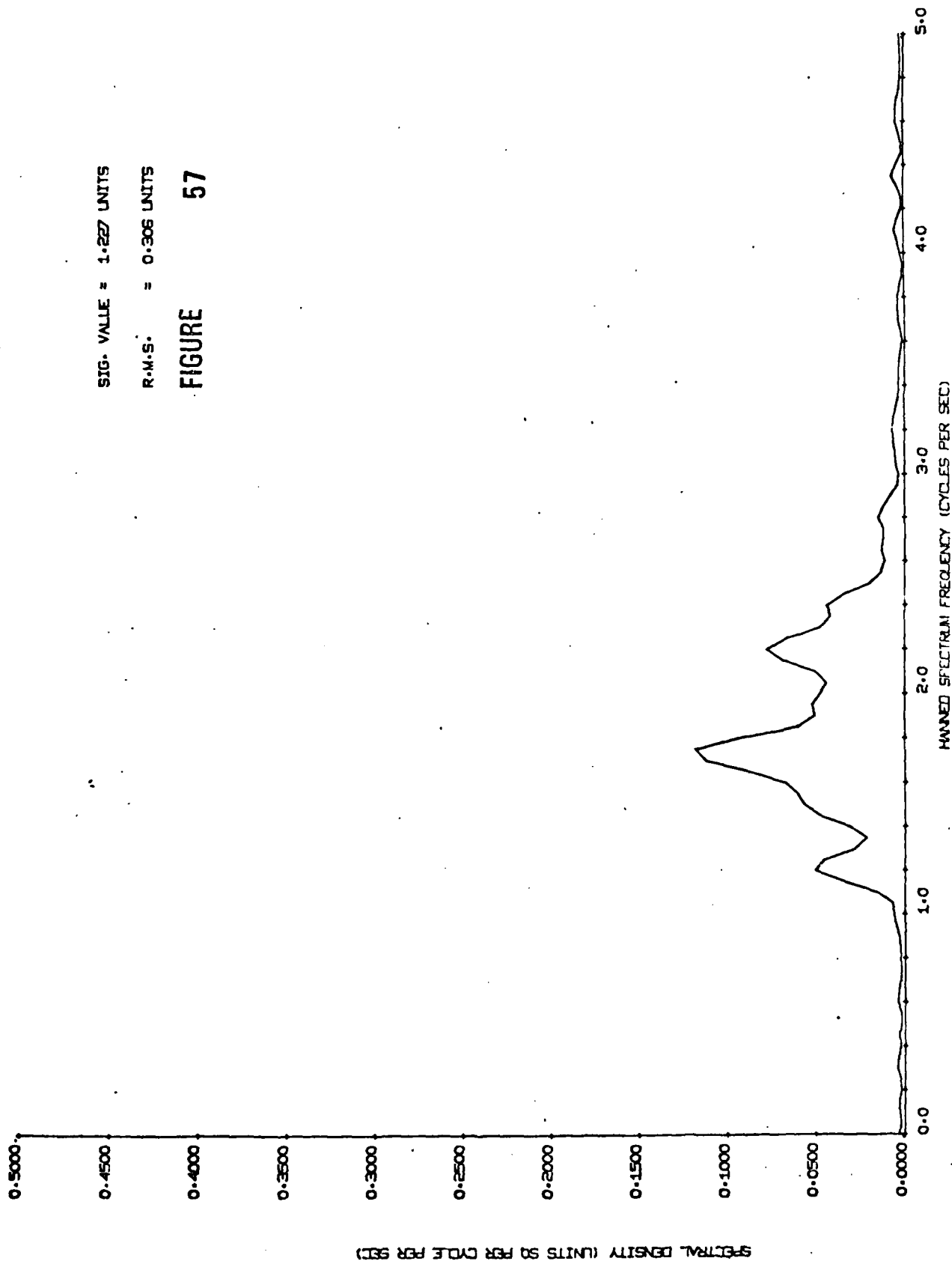
SIG. VALUE = 1.120 UNITS

R.M.S. = 0.332 UNITS

FIGURE 56



SEAKNIFE TESTS NO.1 SAT MAY '76 - RUN 898 VERT.G AT 80W SPECTRUM UNITS G.S

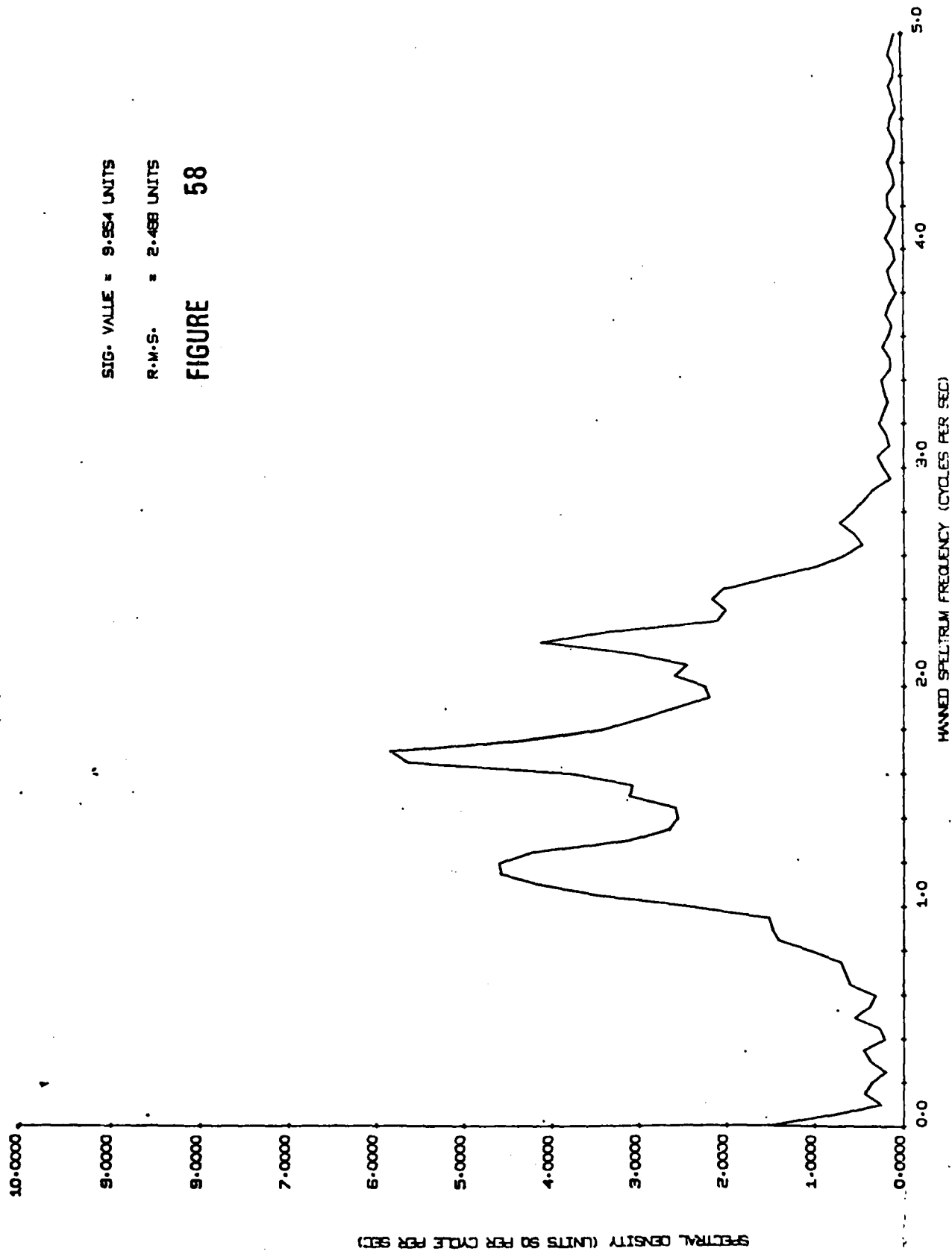


SEAWIFE TESTS NO.1 S/T MAY '76 - RUN 888 ENCOUNTERED WAVE SPECTRUM UNITS CMS

SIG. VALUE = 9.554 UNITS

R.M.S. = 2.488 UNITS

FIGURE 58

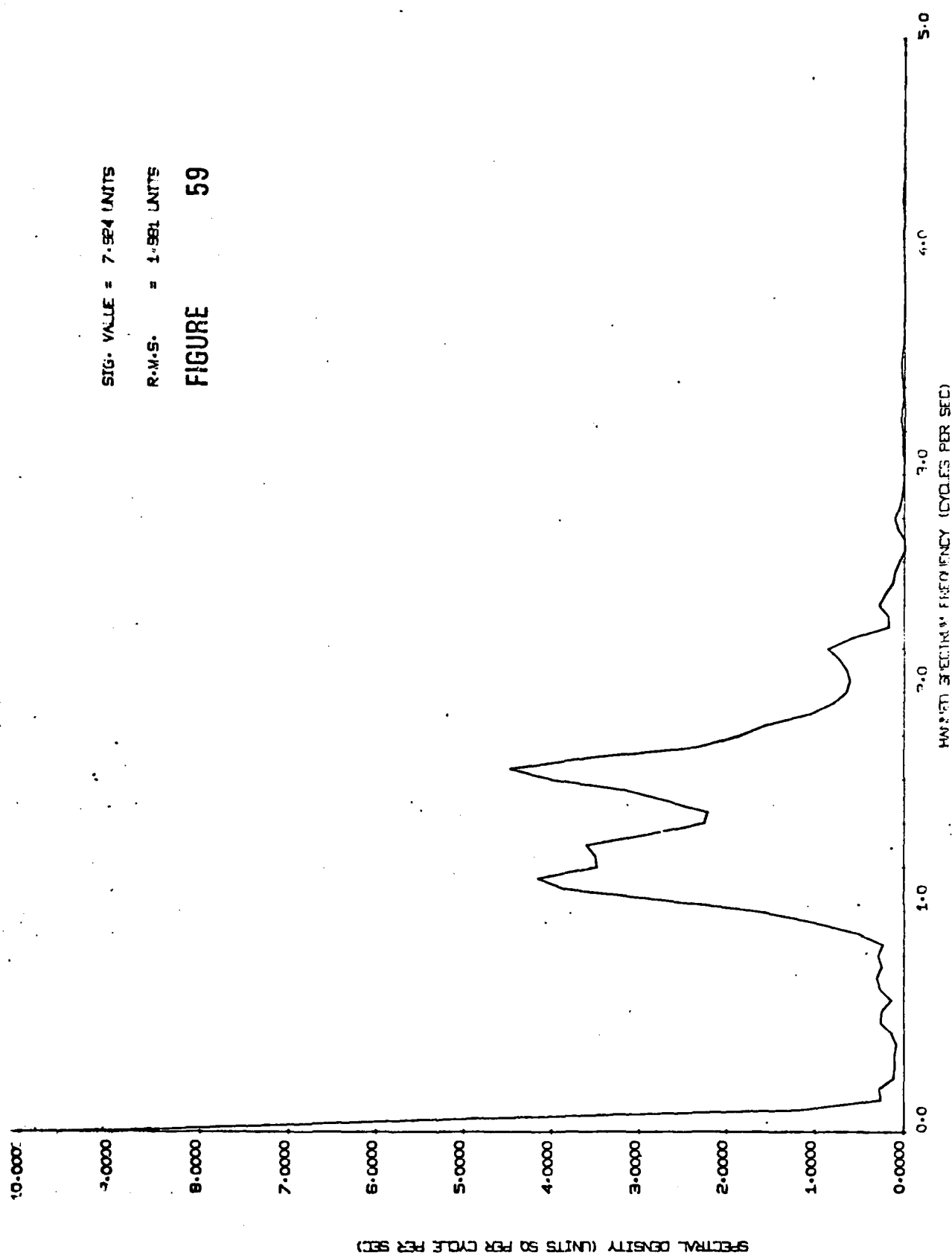


KNIFE TESTS NO. 5 - MAY 1975 - RUN 889 PITCH SPECTRUM (UNITS DEGREES)

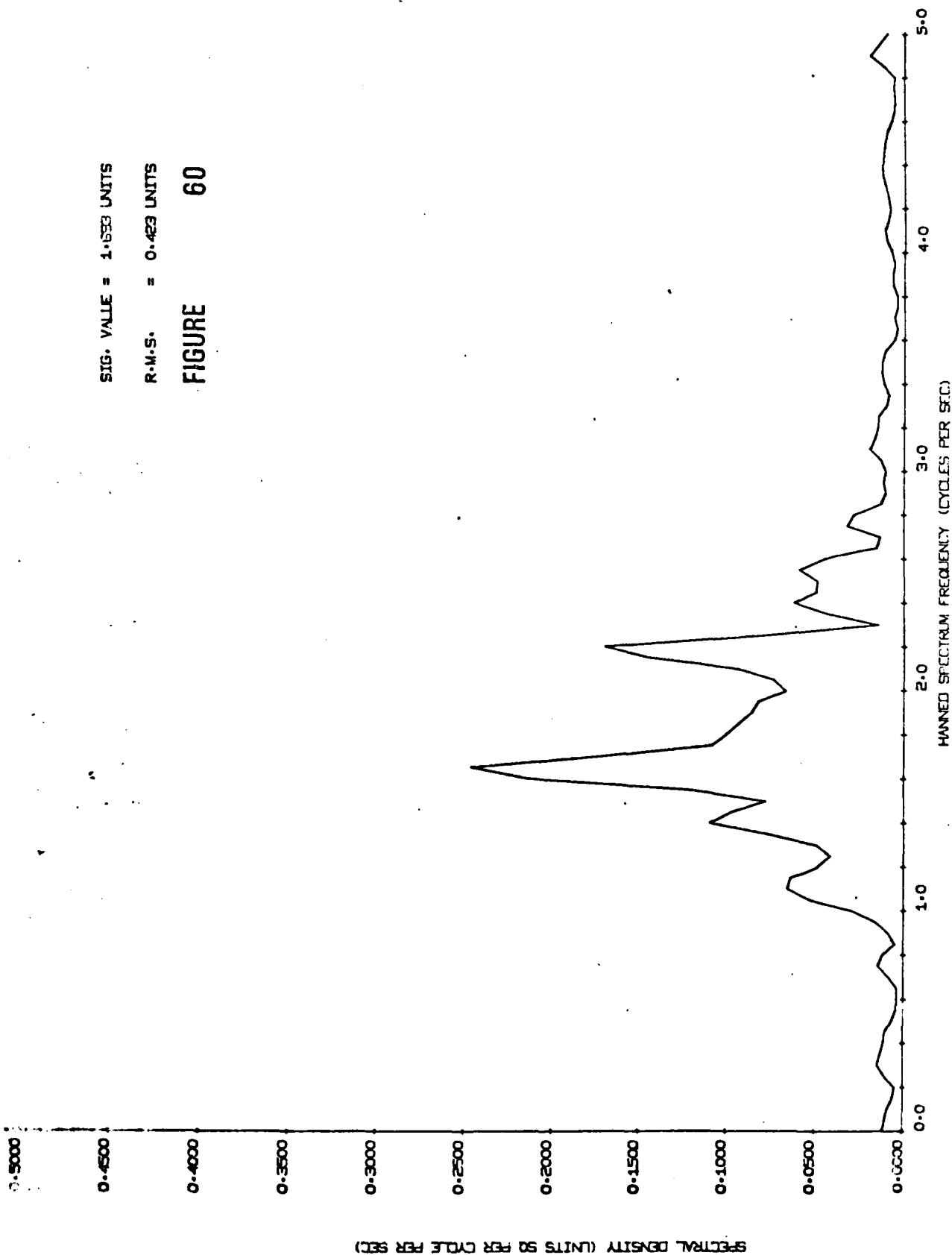
SIG. VALUE = 7.924 UNITS

R.M.S. = 1.981 UNITS

FIGURE 59



SEAWIFE TESTS NO. 1 SAT MAY '77 - RUN 888 VER 1.3 AT 0.6 SPY TRM UNITS 0.5

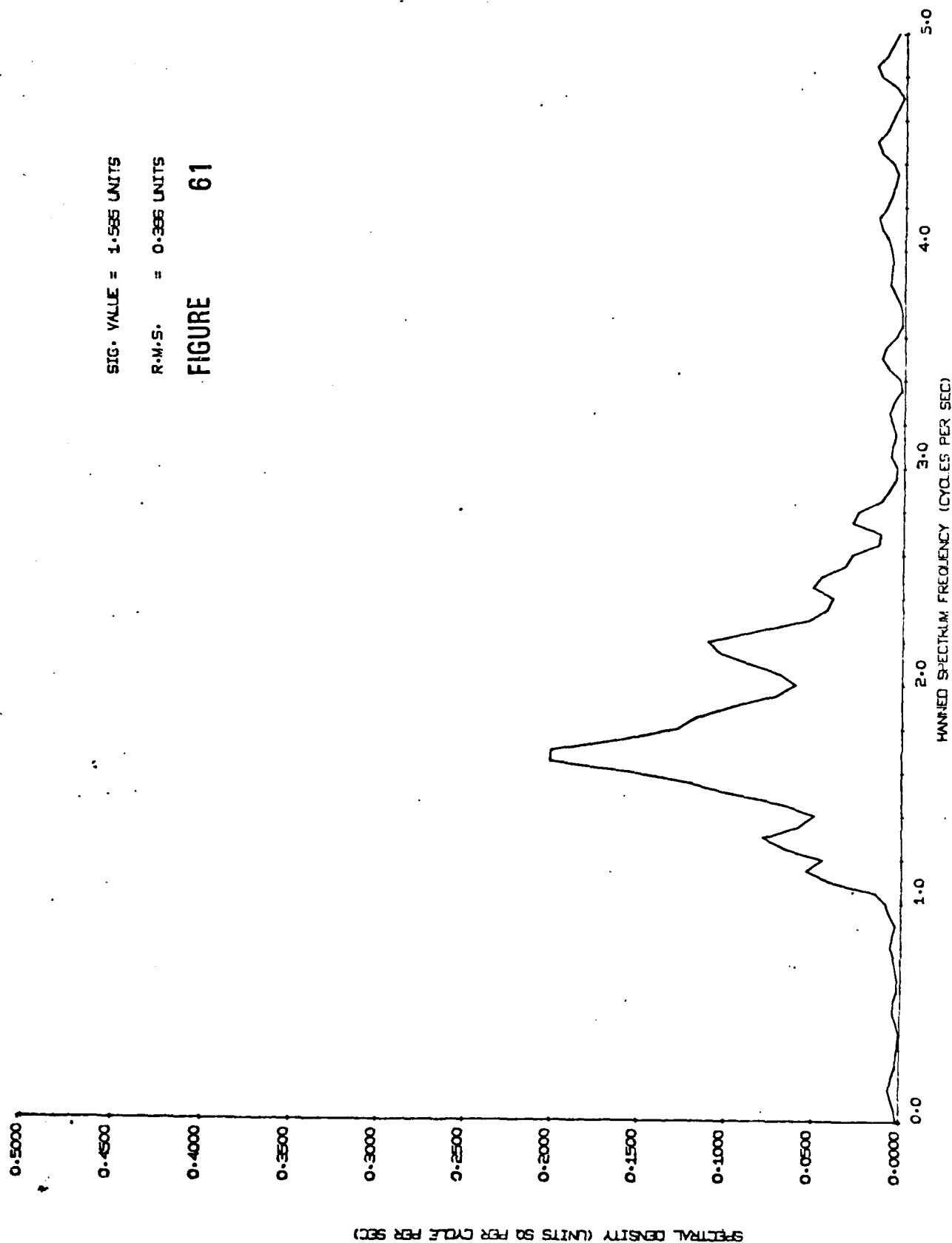


SEAWIDE TESTS NO. 1 SAT MAY '76 - RUN B89 VERT. G AT BOW 5" FILM UNITS G.S

SIG. VALUE = 1.585 UNITS

R.M.S. = 0.385 UNITS

FIGURE 61

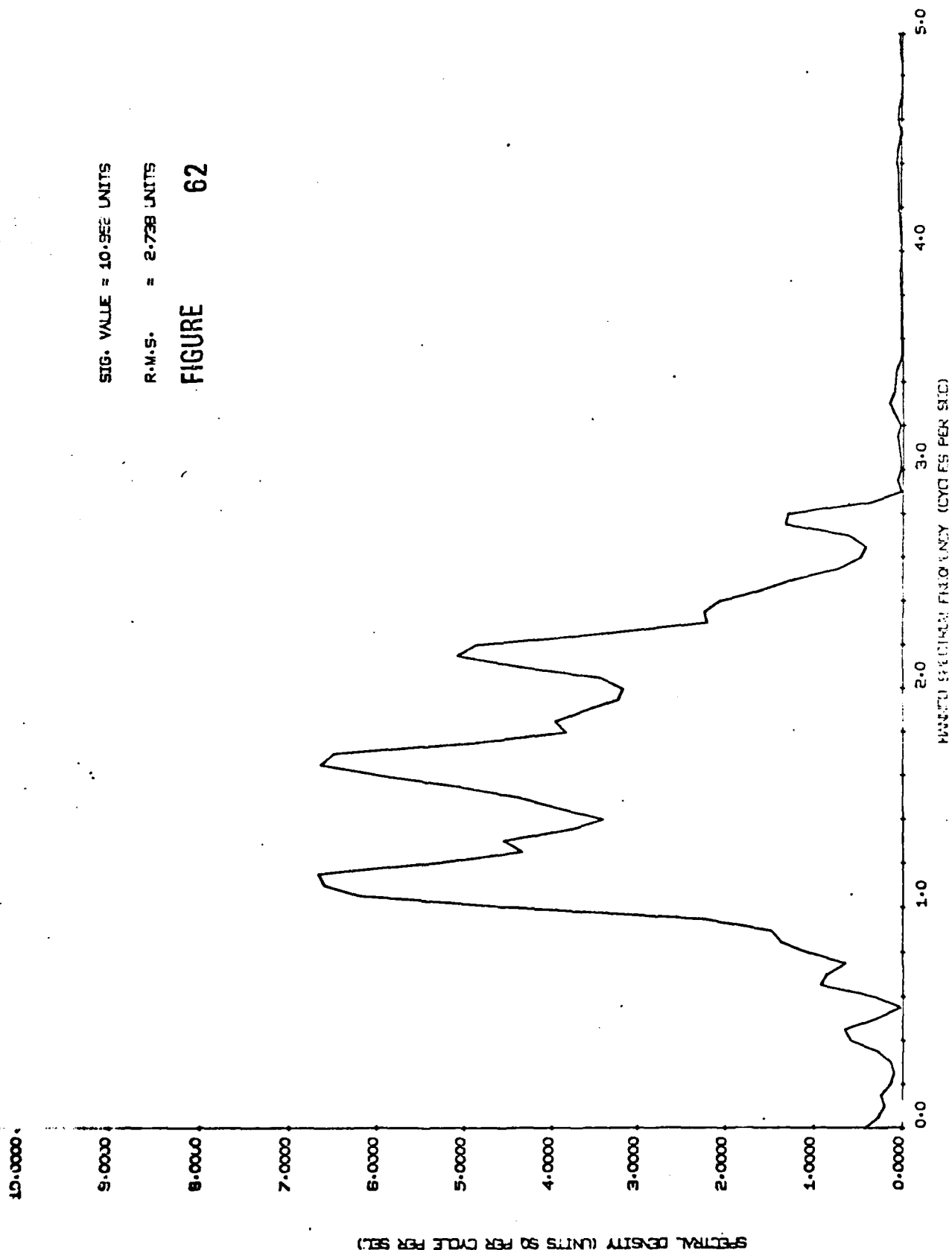


SEALIFE TESTS NO.1 SAT MAY 17F - RUN 889 ENCOUNTERED WAVE SPECTRUM UNITS CMS

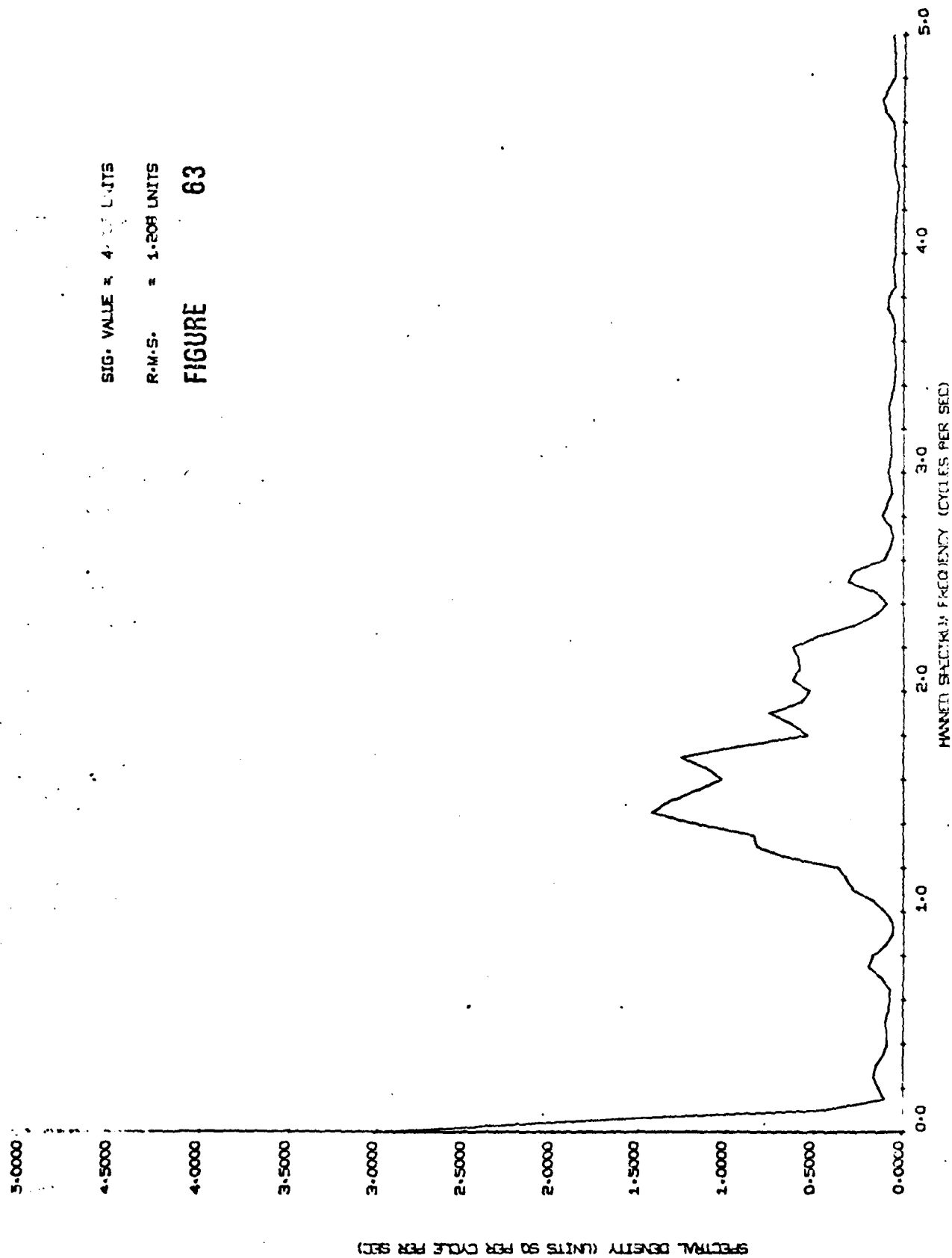
SIG. VALUE = 10.952 UNITS

R.M.S. = 2.738 UNITS

FIGURE 62



SEA-NIFE TESTS NO. 1 SAT MAY '76 - RUN 900 PITCH SPECTRUM 101.0 DEGREES

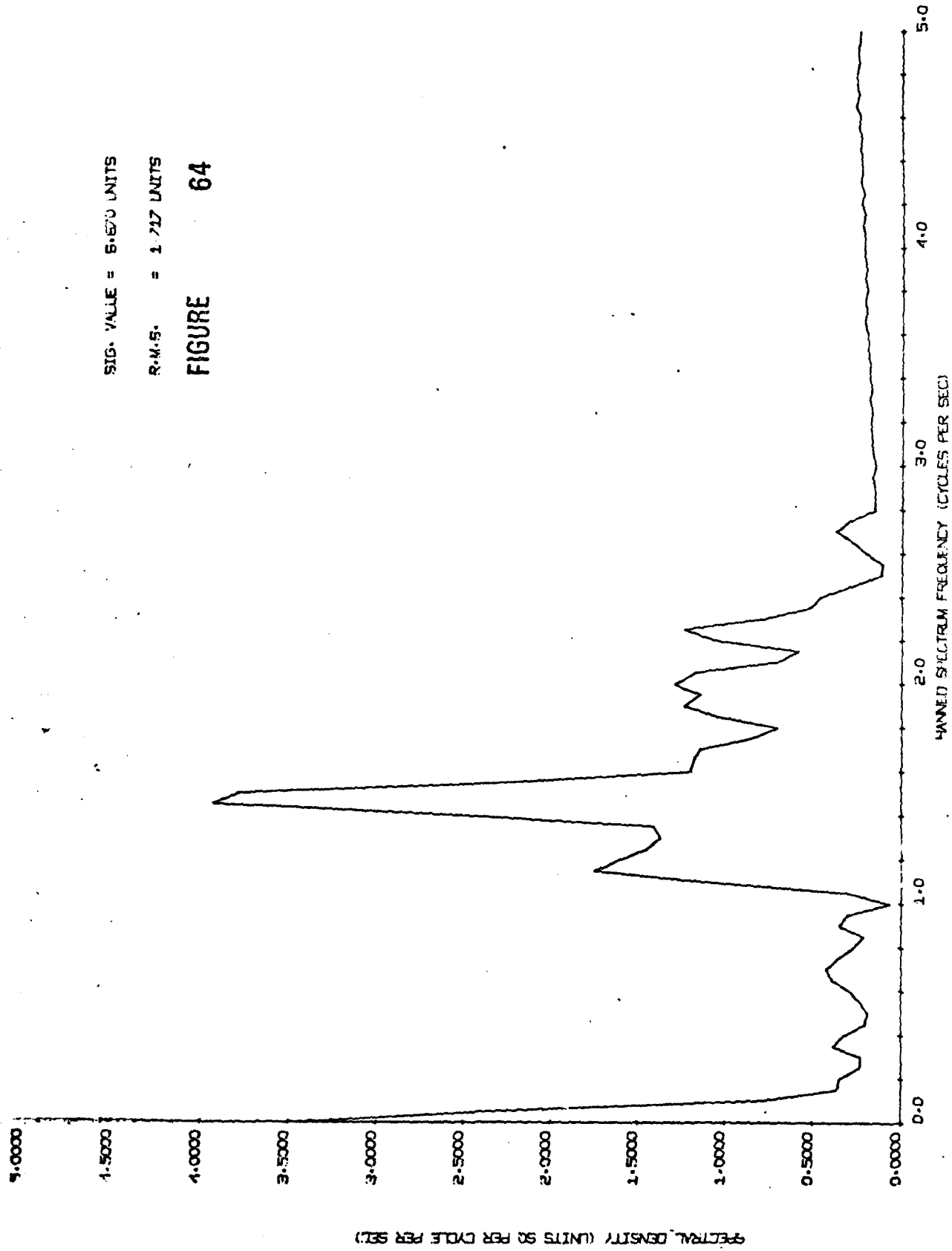


BE-KNIFE TESTS NO. 3 MAY '76 - RUN 500 Hertz SPECTRUM - 17.5 CENTIMETRES

SIG. VALUE = 6.870 UNITS

R.M.S. = 1.717 UNITS

FIGURE 64

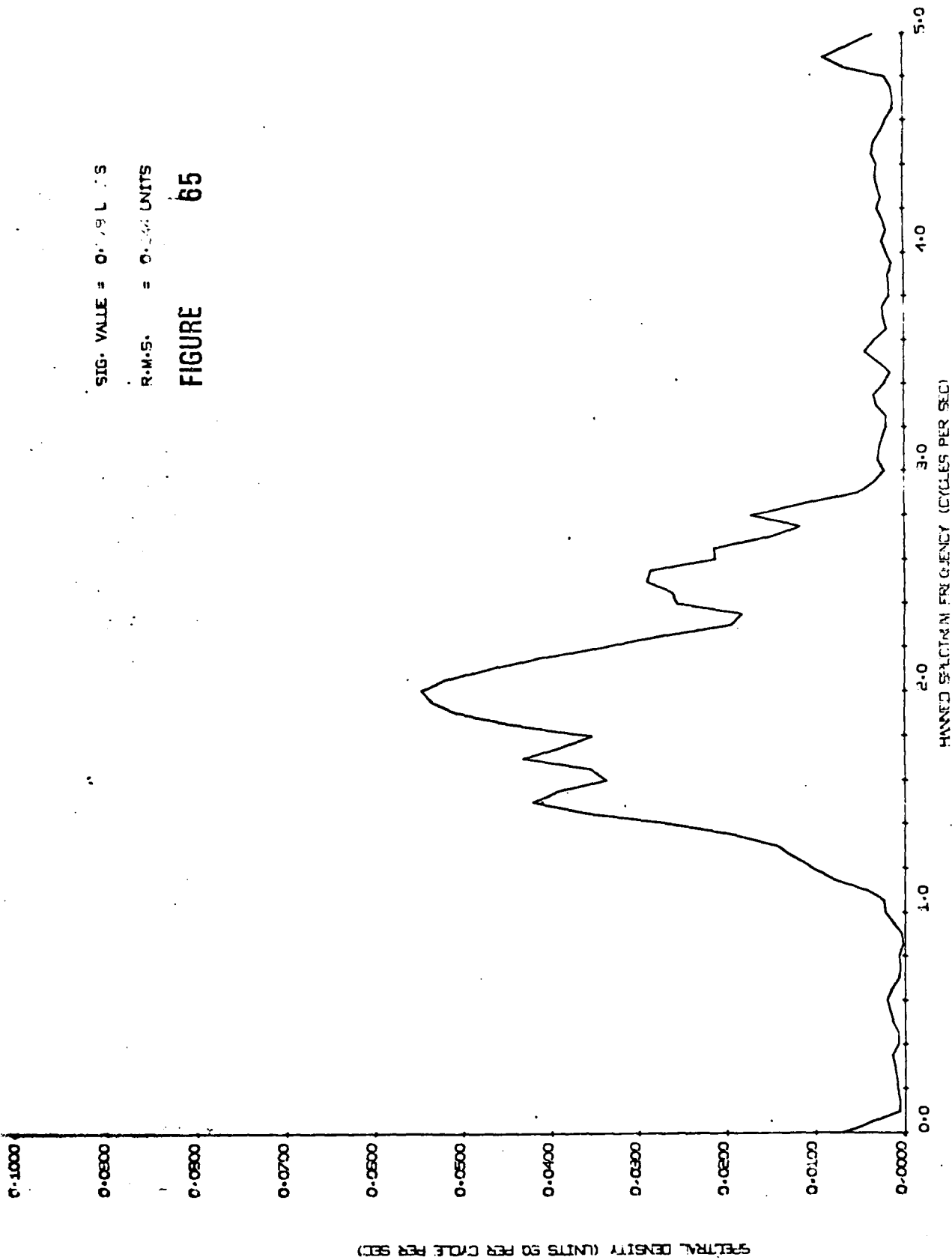


AXKNIFE TESTS NO.1 17F - RUN 900 VERT 3 AT 0.6 SPI 10.0 M UNITS 0.5

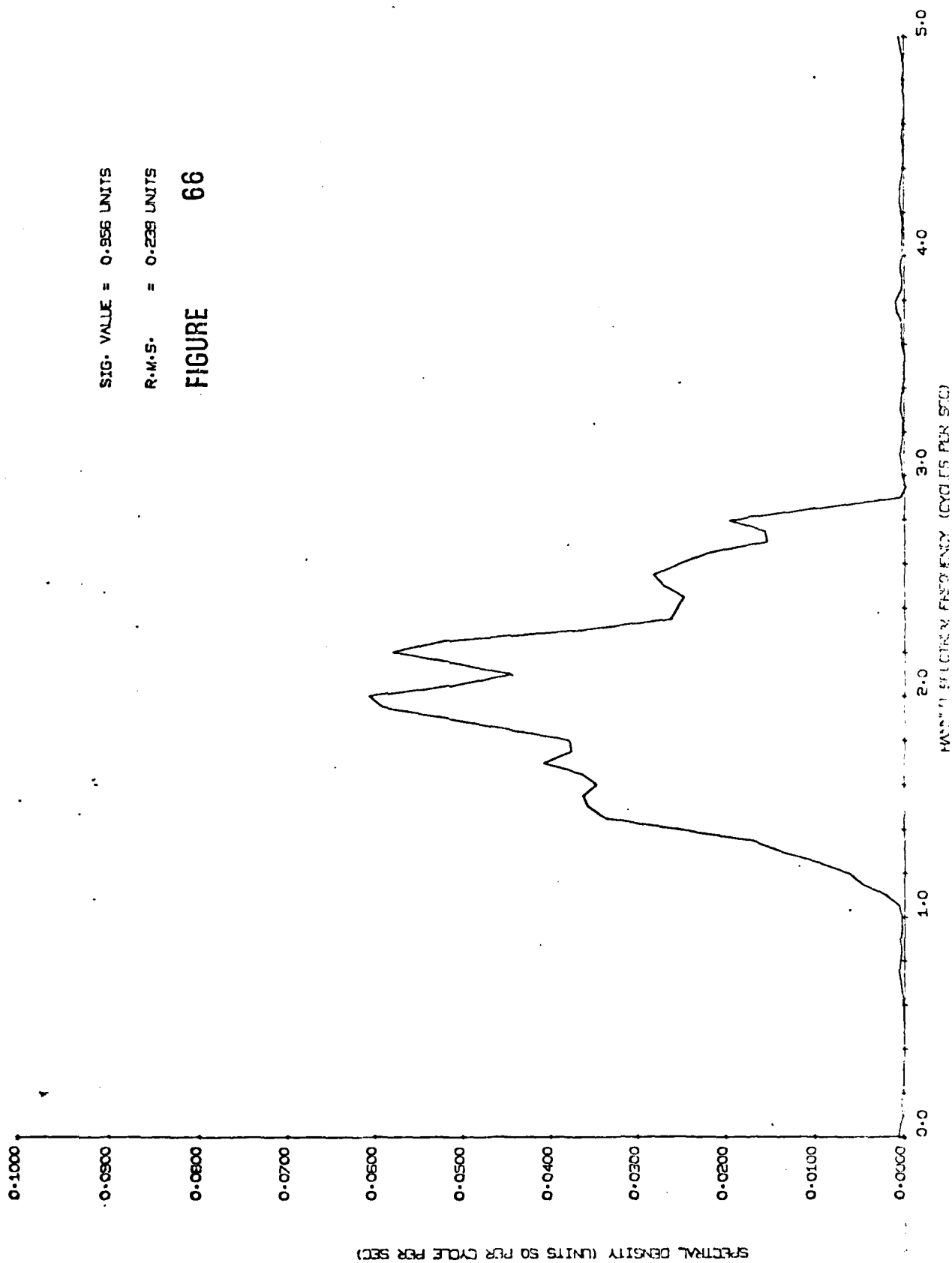
SIG. VALUE = 0.79 L.S

R.M.S. = 0.24 UNITS

FIGURE 65



SEAWNIFE TESTS NO.1 S/T MAY '76 - RUN 900 VERT.G AT BW SPECTRUM UNITS G.S

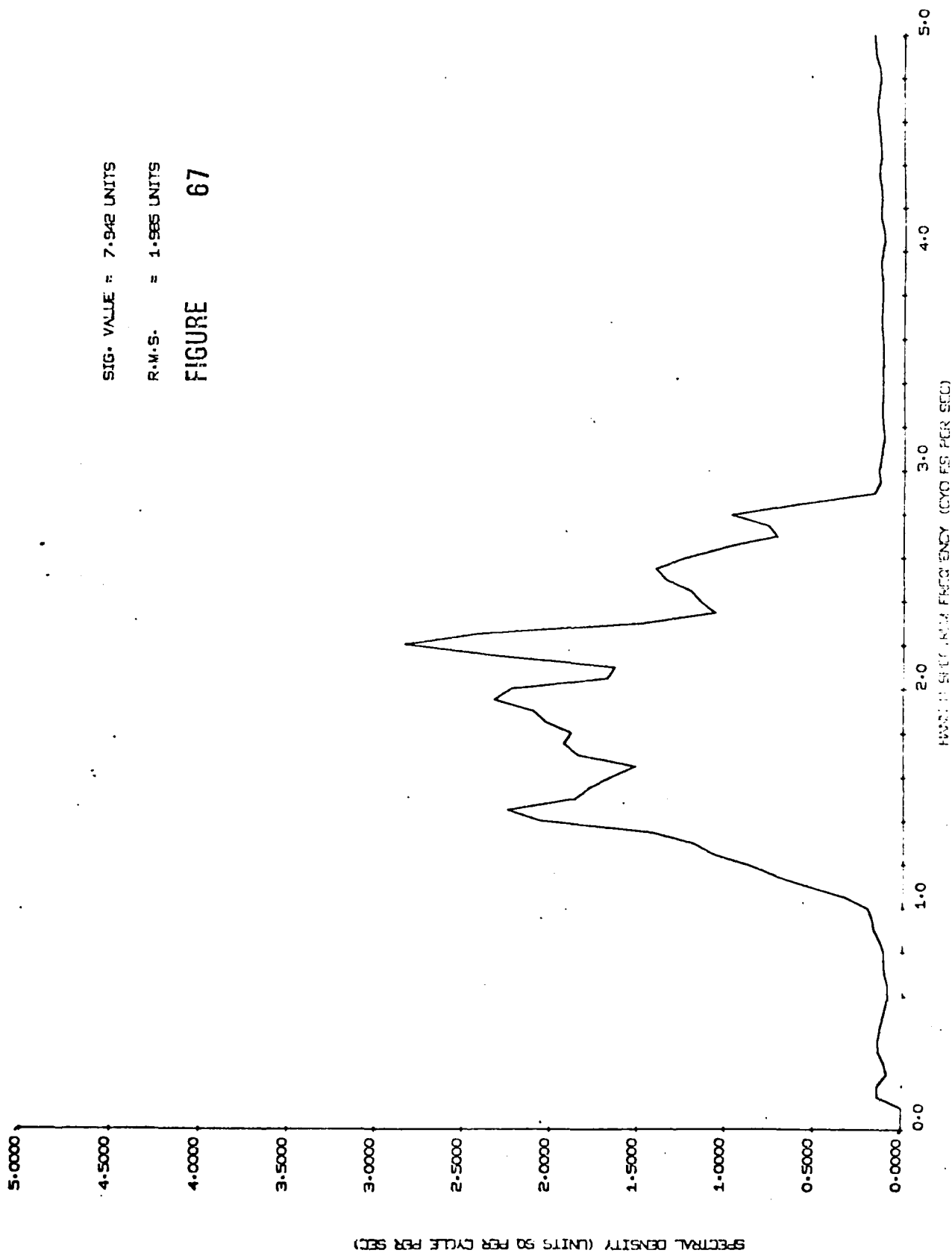


SIG. VALUE = 0.956 UNITS

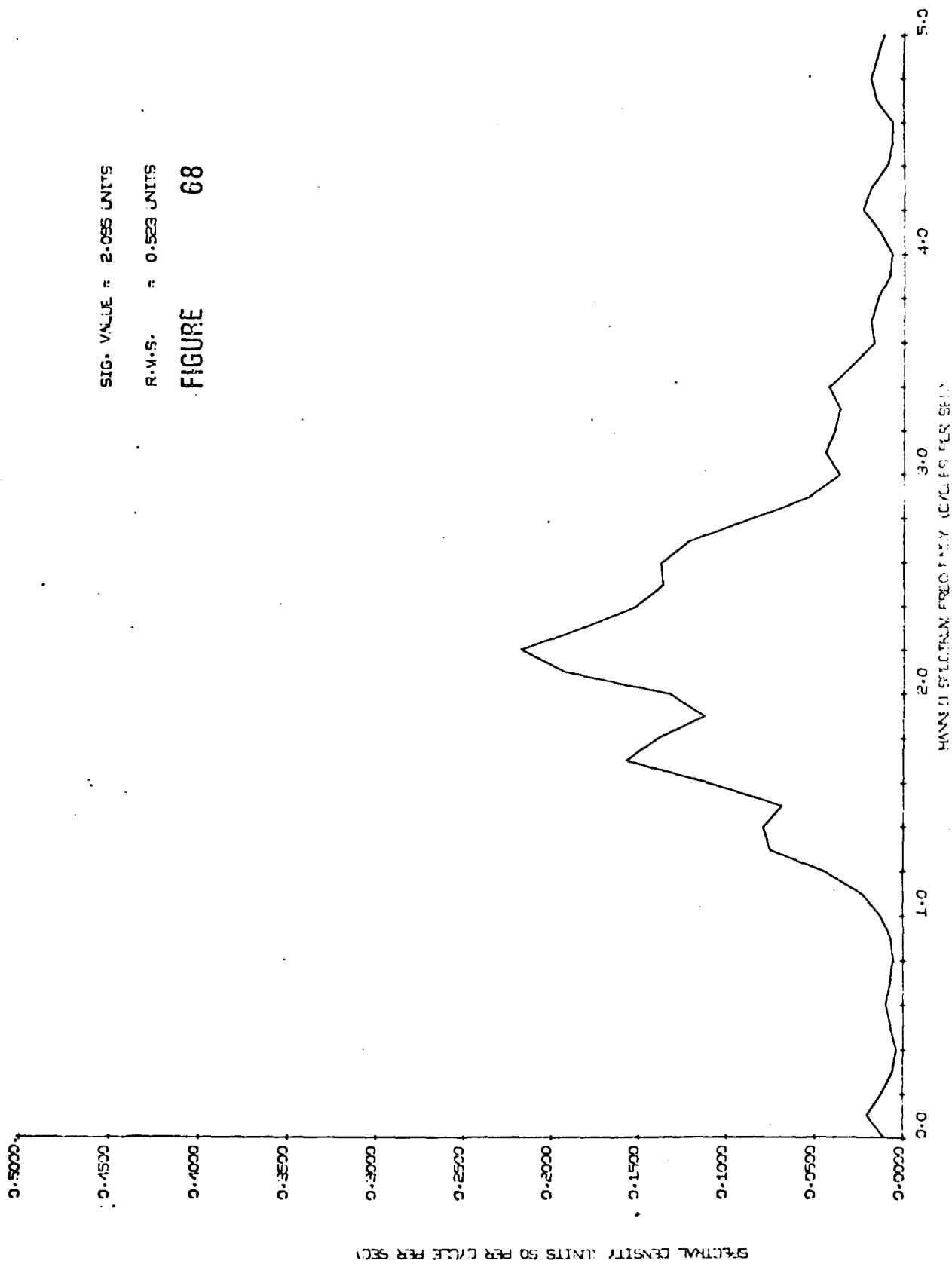
R.M.S. = 0.238 UNITS

FIGURE 66

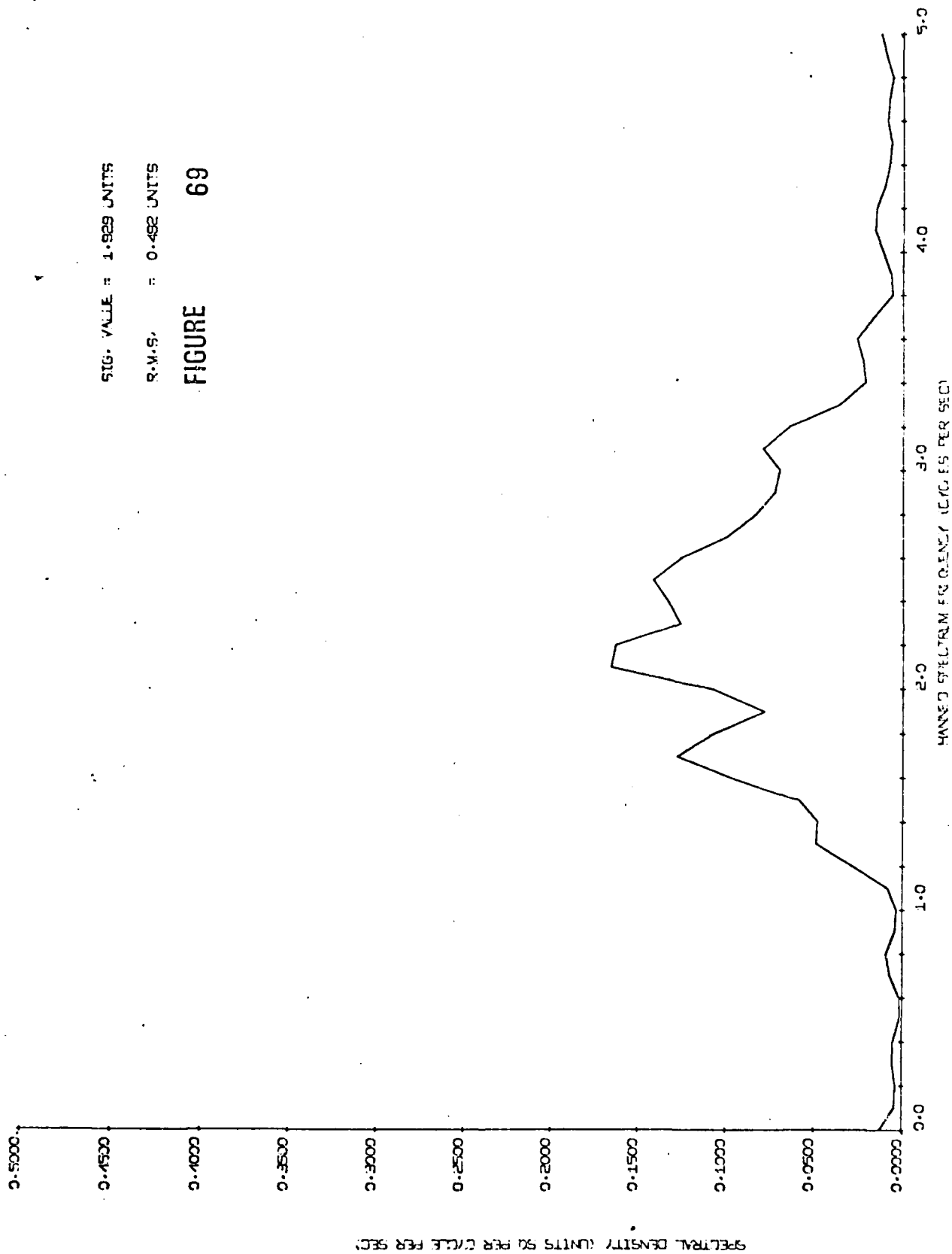
SEAWIFE TESTS NO.1 SAT MAY '76 - RUN 900 ENCOUNTERED WAVE SPECTRUM UNITS CMS



SEAKNIFE TESTS NO.1 S/T MAY '76 - RUN 908 VERT.G AT C.G. SPECTRUM UNITS G.S



SEAKNIFE TESTS NO.1 SAT MAY '76 -- RUN 908 /VERT.G AT 80W SPECTRUM UNITS G.S



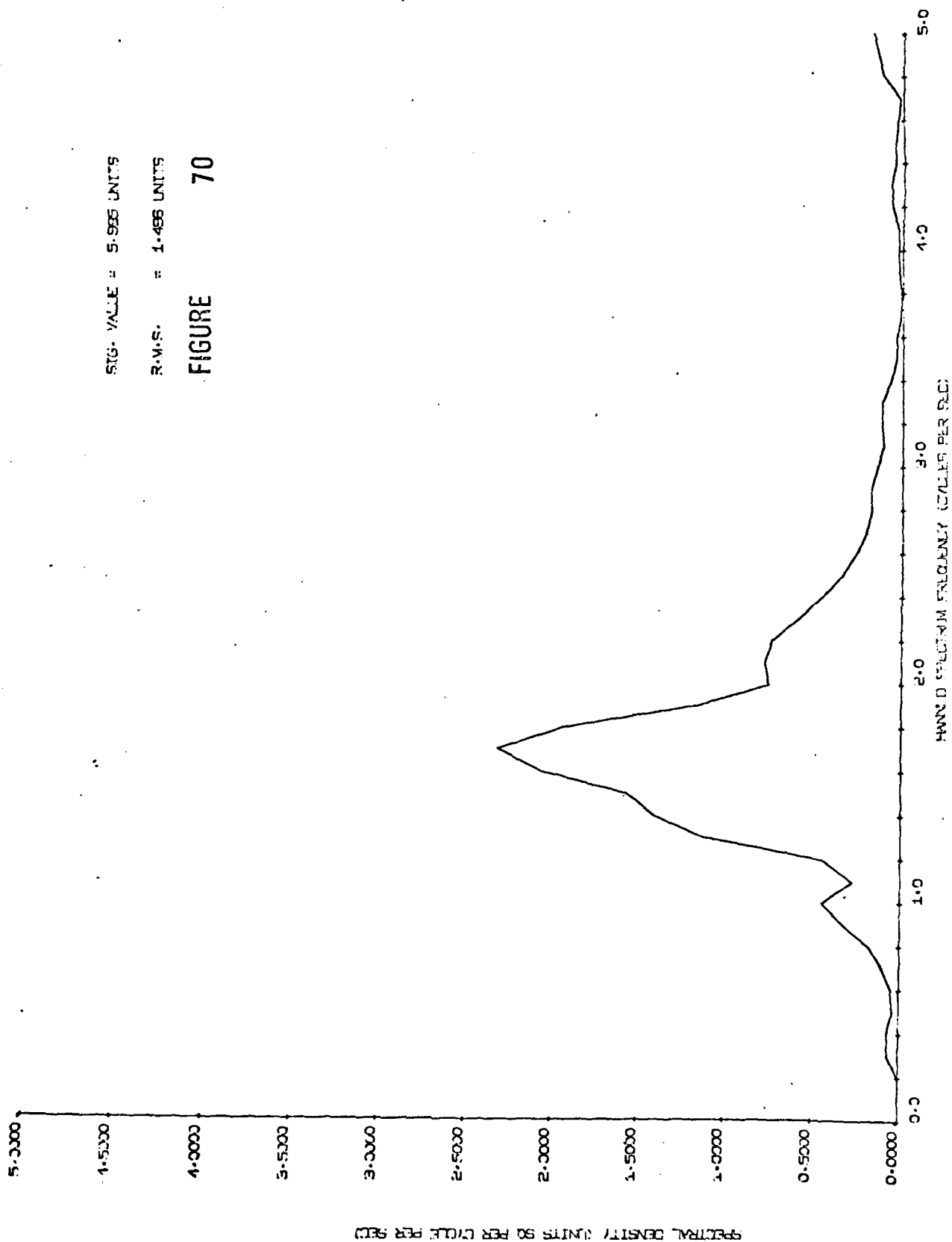
SEAKNIFE TESTS NO.1 S/T MAY '76 -- RUN 909 PITCH SPECTRUM UNITS DEGREES

STD. VALUE = 5.985 UNITS

R.M.S. = 1.488 UNITS

FIGURE

70



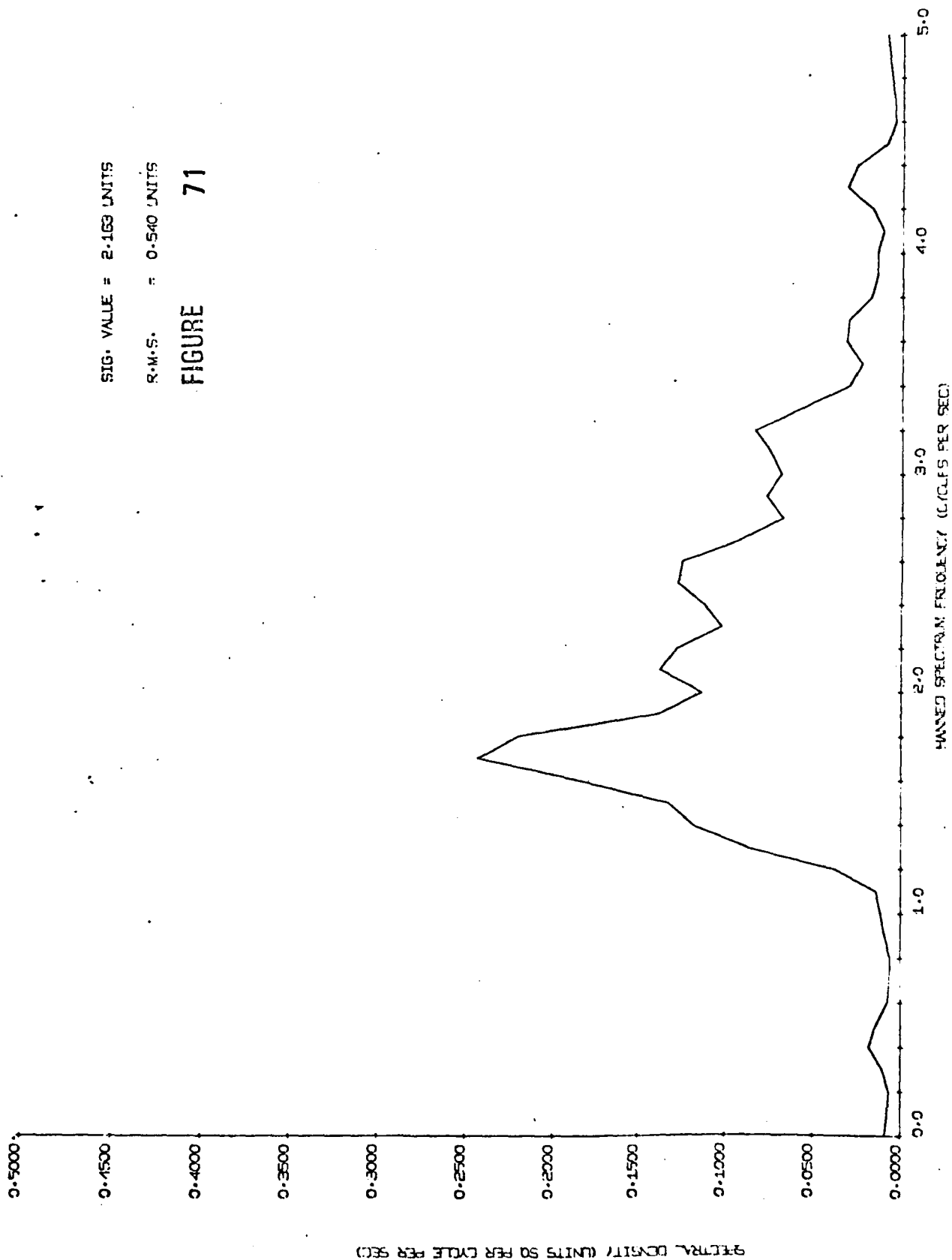
PITCH SPECTRUM (UNITS DEGREES) 90 PER CYCLE PER SEC

SEAKNIFE TESTS NO.1 SAT MAY '76 - RUN 809 VERT.G AT C.G. SPECTRUM UNITS G.S

SIG. VALUE = 2.163 UNITS

R.M.S. = 0.540 UNITS

FIGURE 71

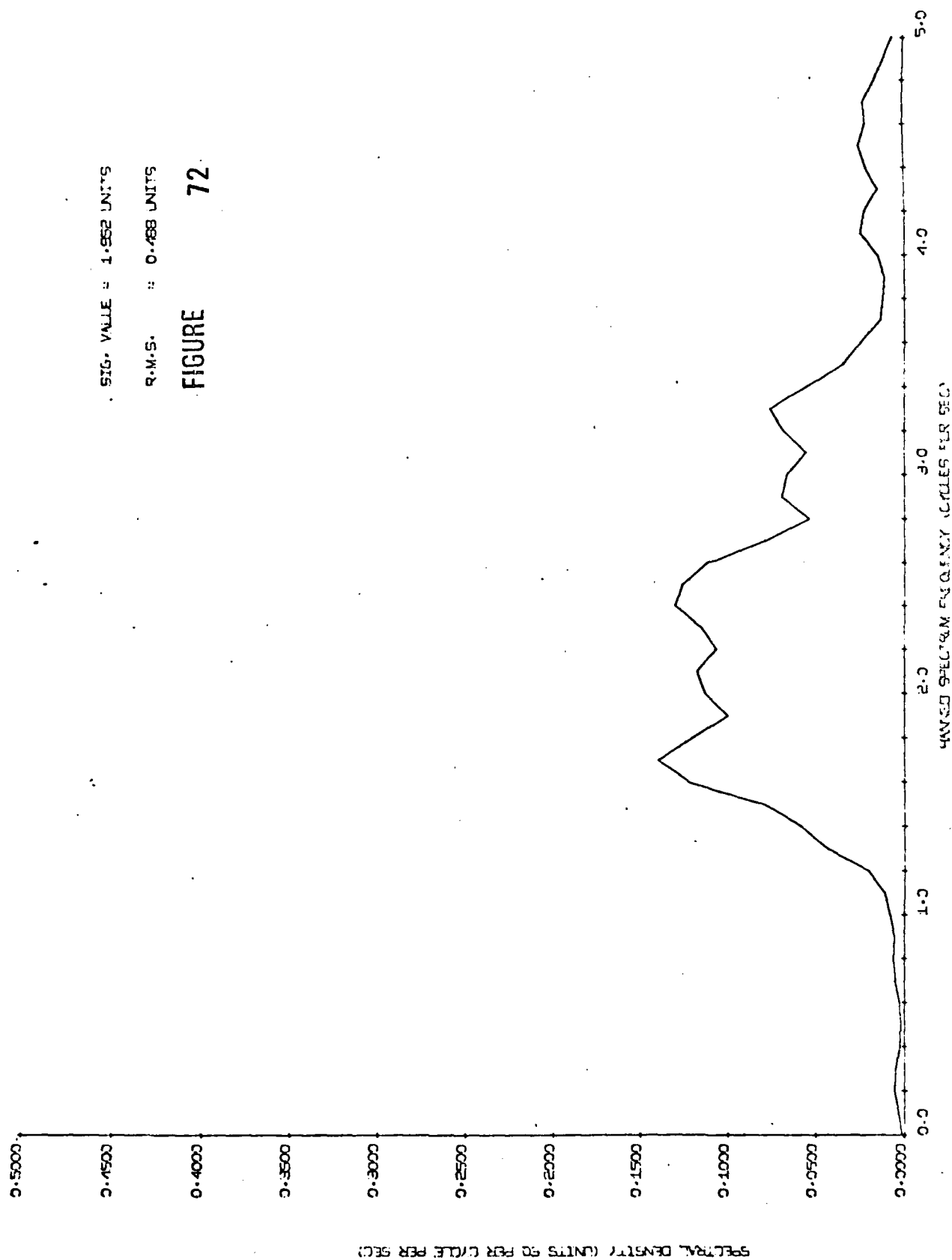


SEAKNIFE TESTS NO.1 SAT MAY '76 - RUN 909 VERT.G AT BOW SPECTRUM UNITS G.S

SIG. VALUE = 1.952 UNITS

R.M.S. = 0.488 UNITS

FIGURE 72

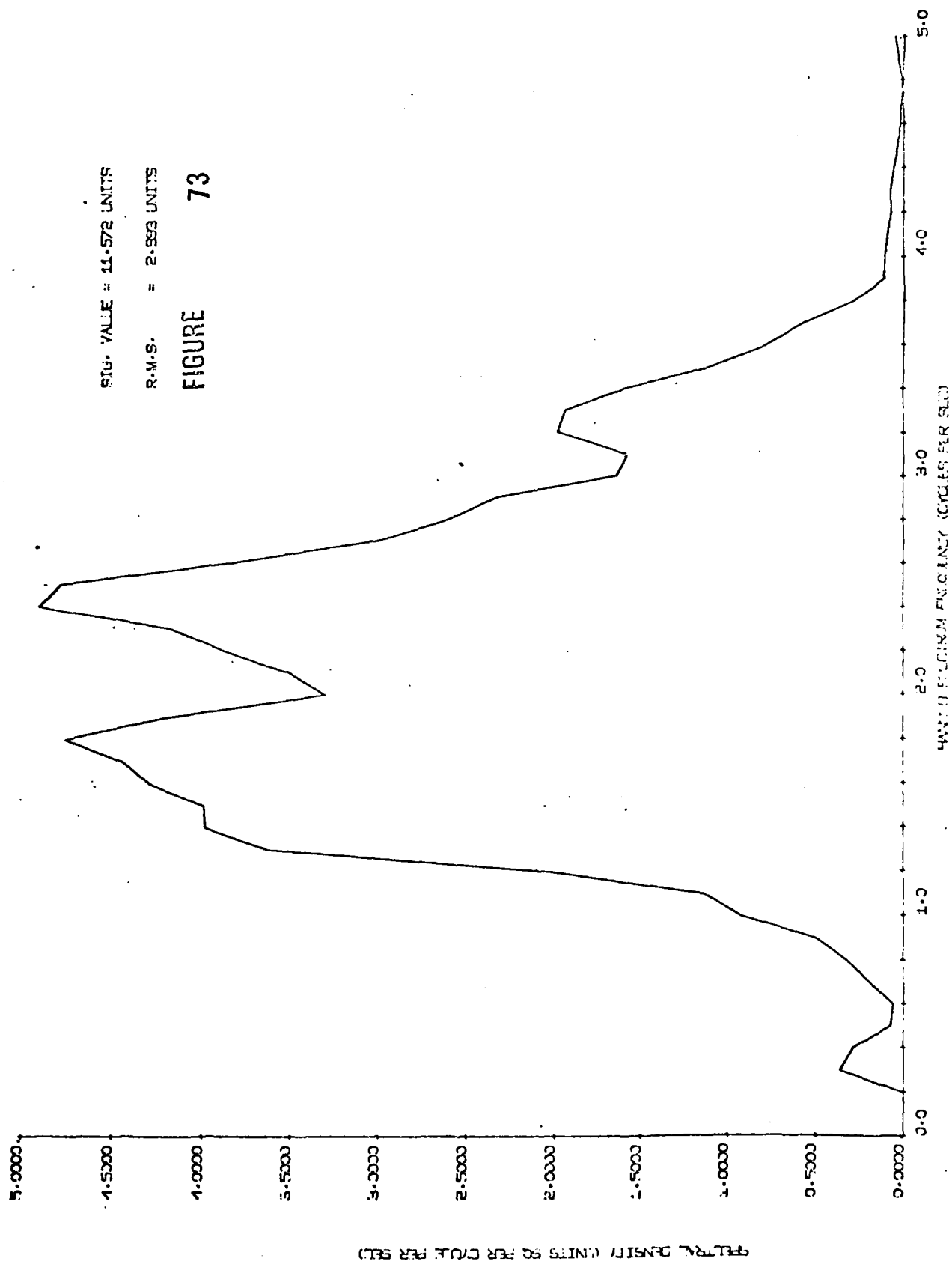


SEAKNIFE TESTS NO. 1 SAT MAY '76 -- RUN 909 ENCOUNTERED WAVE SPECTRUM UNITS CMS

SIG. VALUE = 11.572 UNITS

R.M.S. = 2.993 UNITS

FIGURE 73

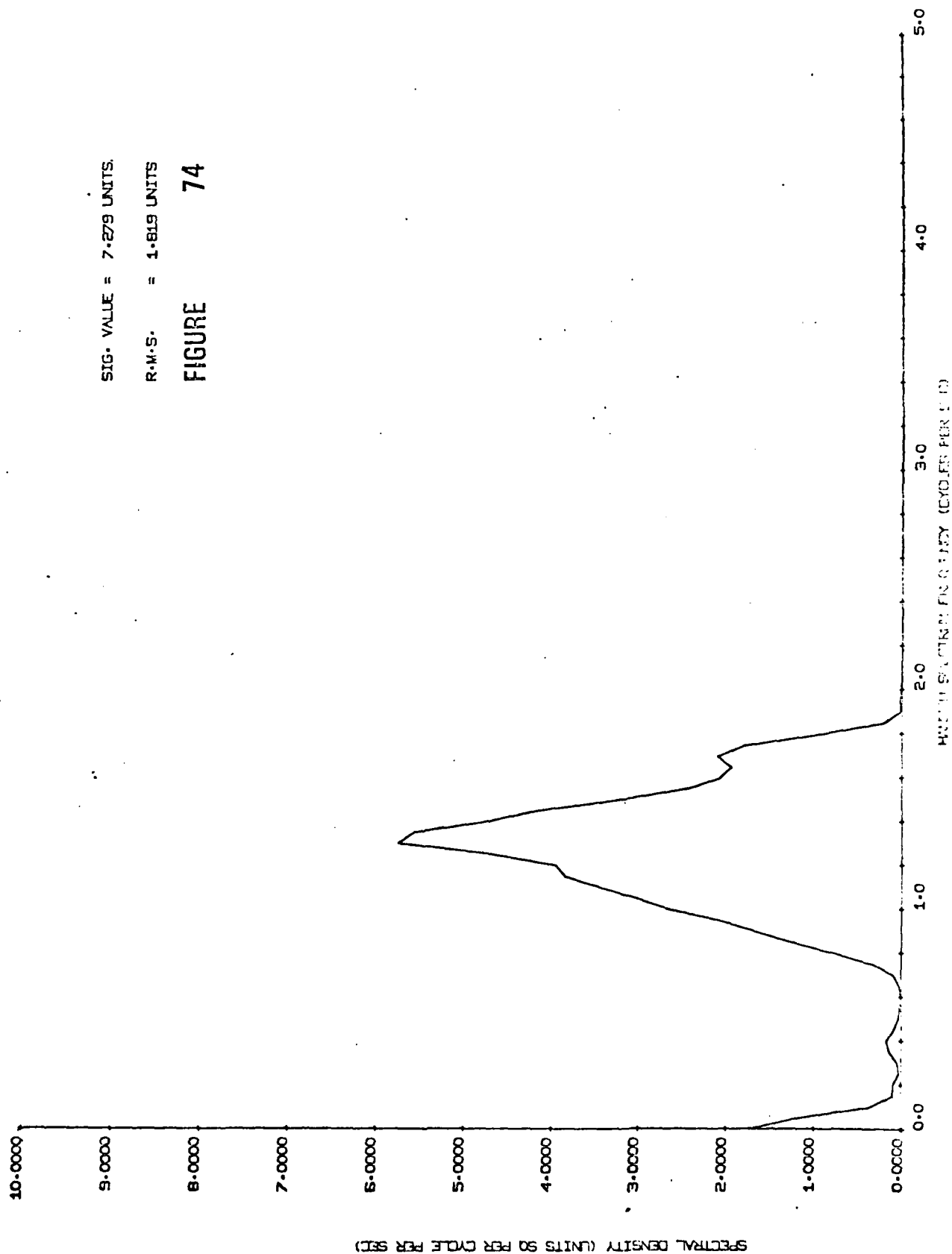


SEAKNIFE TESTS NO.1 SAT MAY '76 - RUN 924 PITCH SPECTRUM - UNITS DEGREES

SIG. VALUE = 7.279 UNITS.

R.M.S. = 1.819 UNITS

FIGURE 74

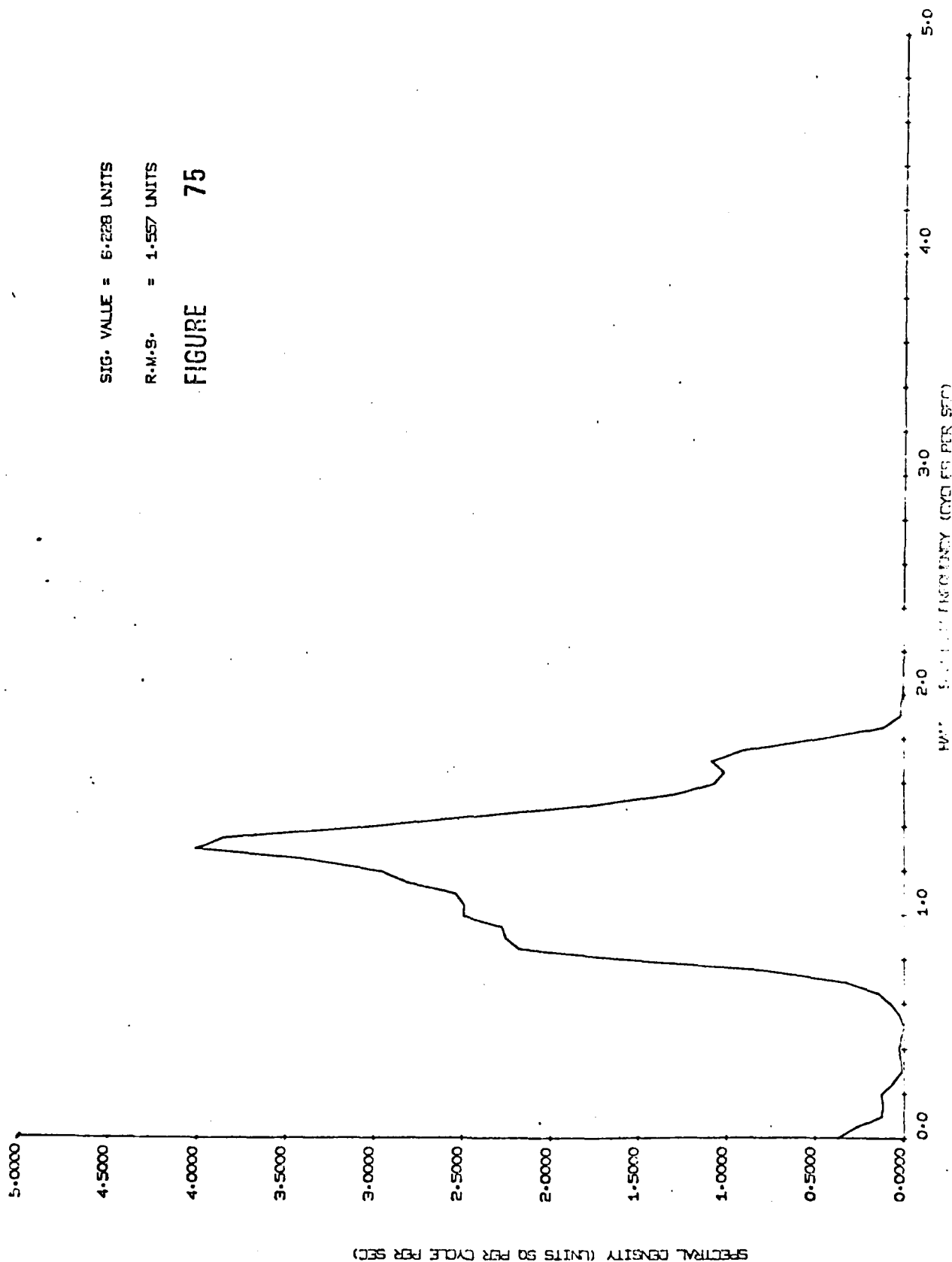


SEAKNIFE TESTS NO.1 S/T MAY '76 - RUN 924 HEAVE SPECTRUM - UNITS CENTIMETRES

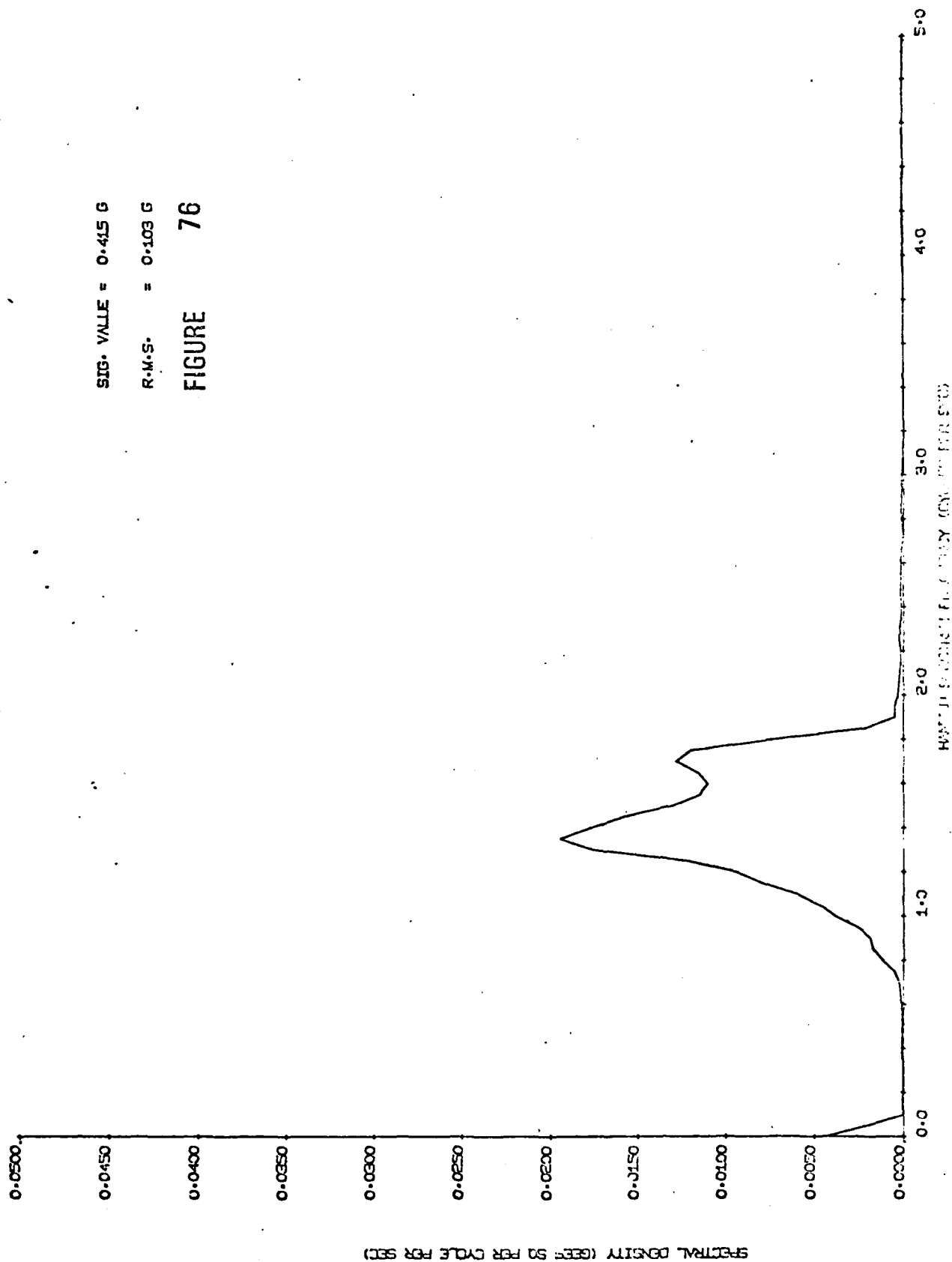
SIG. VALUE = 6.228 UNITS

R.M.S. = 1.557 UNITS

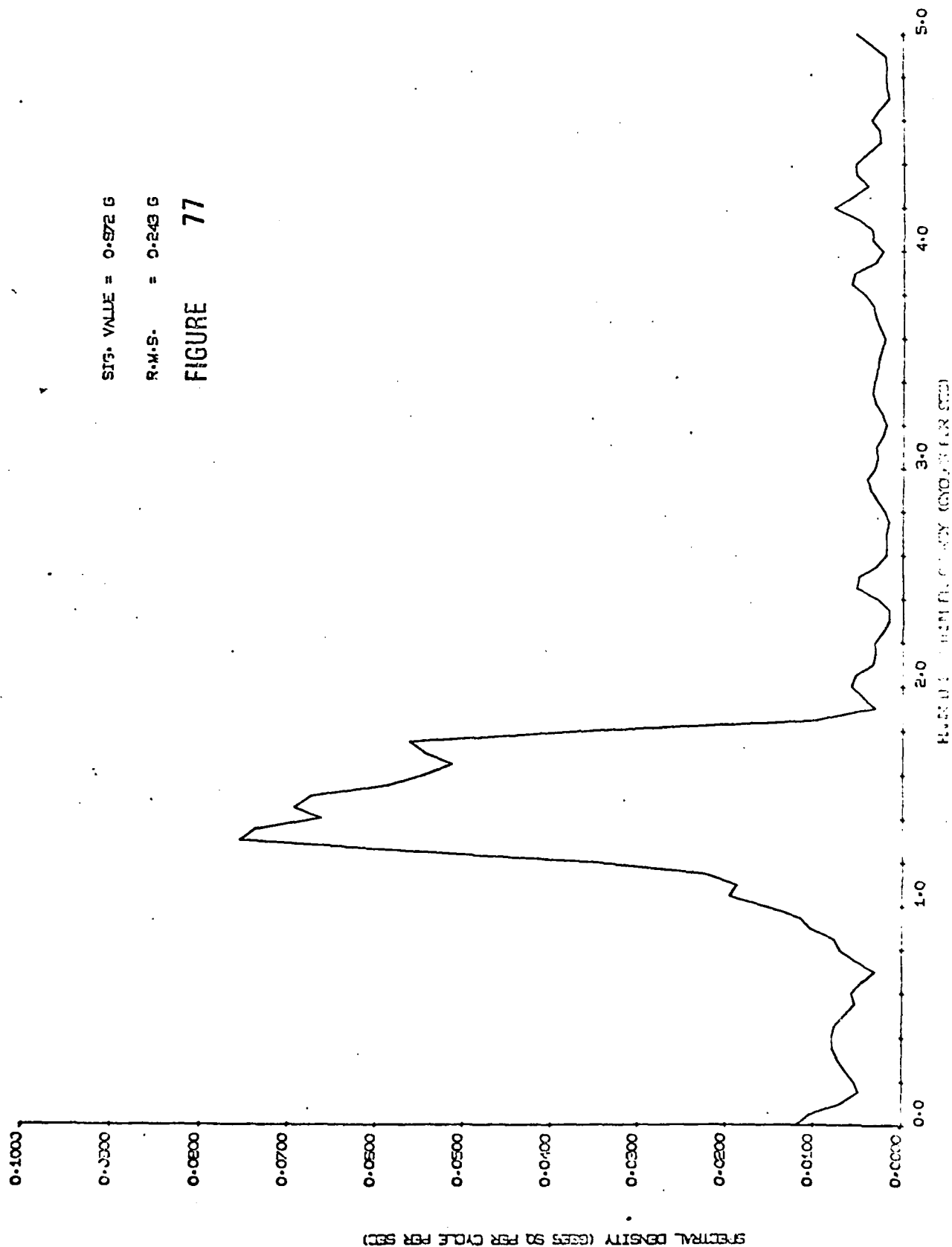
FIGURE 75



SEAKNIFE TESTS NO.1 SAT MAY '76 - RUN 924 VERT.G AT C.G. SPECTRUM



SEAKNIFE TESTS NO.1 SAT MAY '76 -- RUN 924 VERT.G AT 80W SPECTRLM



SIG. VALUE = 0.872 G

R.M.S. = 0.243 G

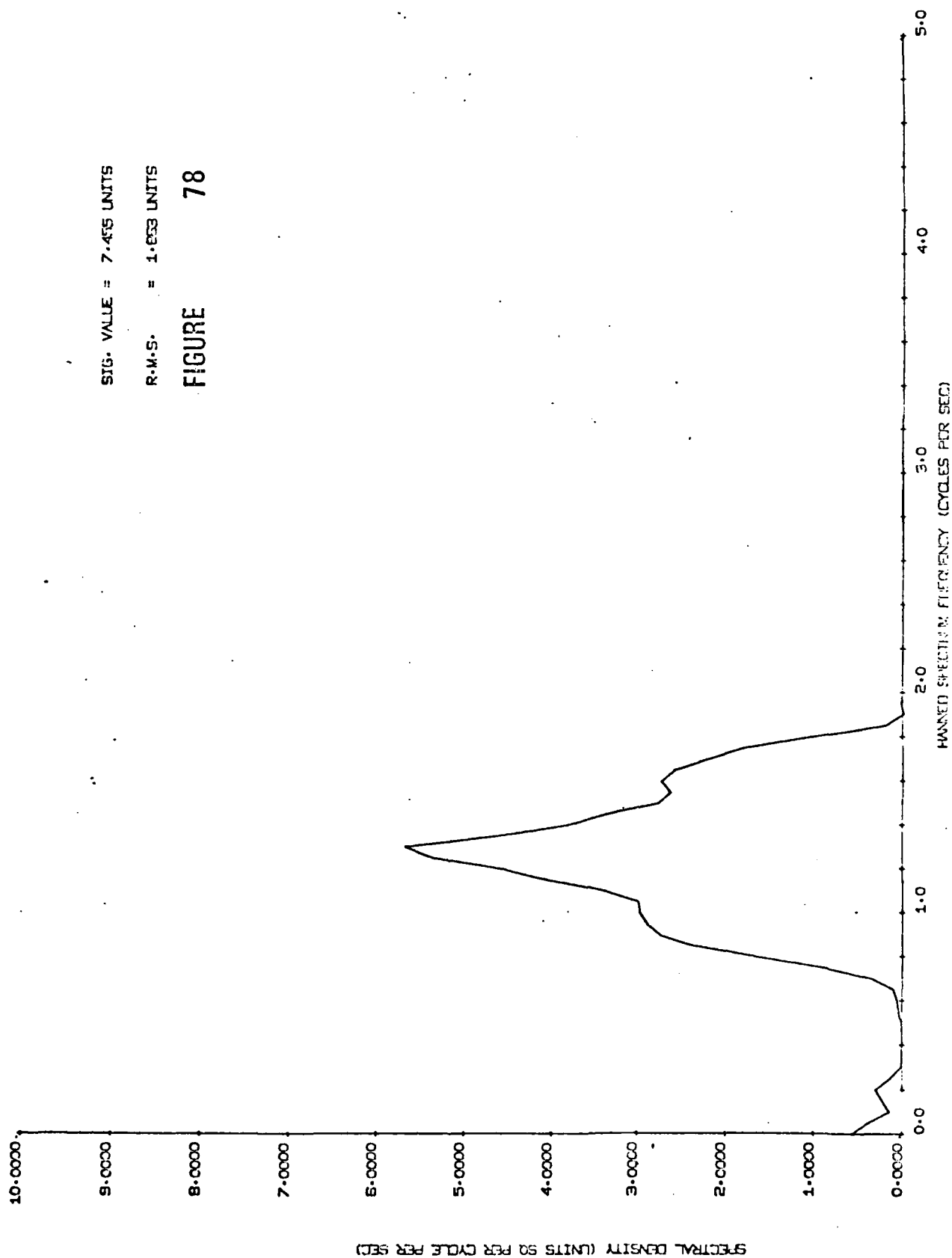
FIGURE 77

SEAKNIFE TESTS NO.1 SAT MAY '76 - RUN 924 ENCOUNTERED WAVE SPECTRUM - UNITS CMS

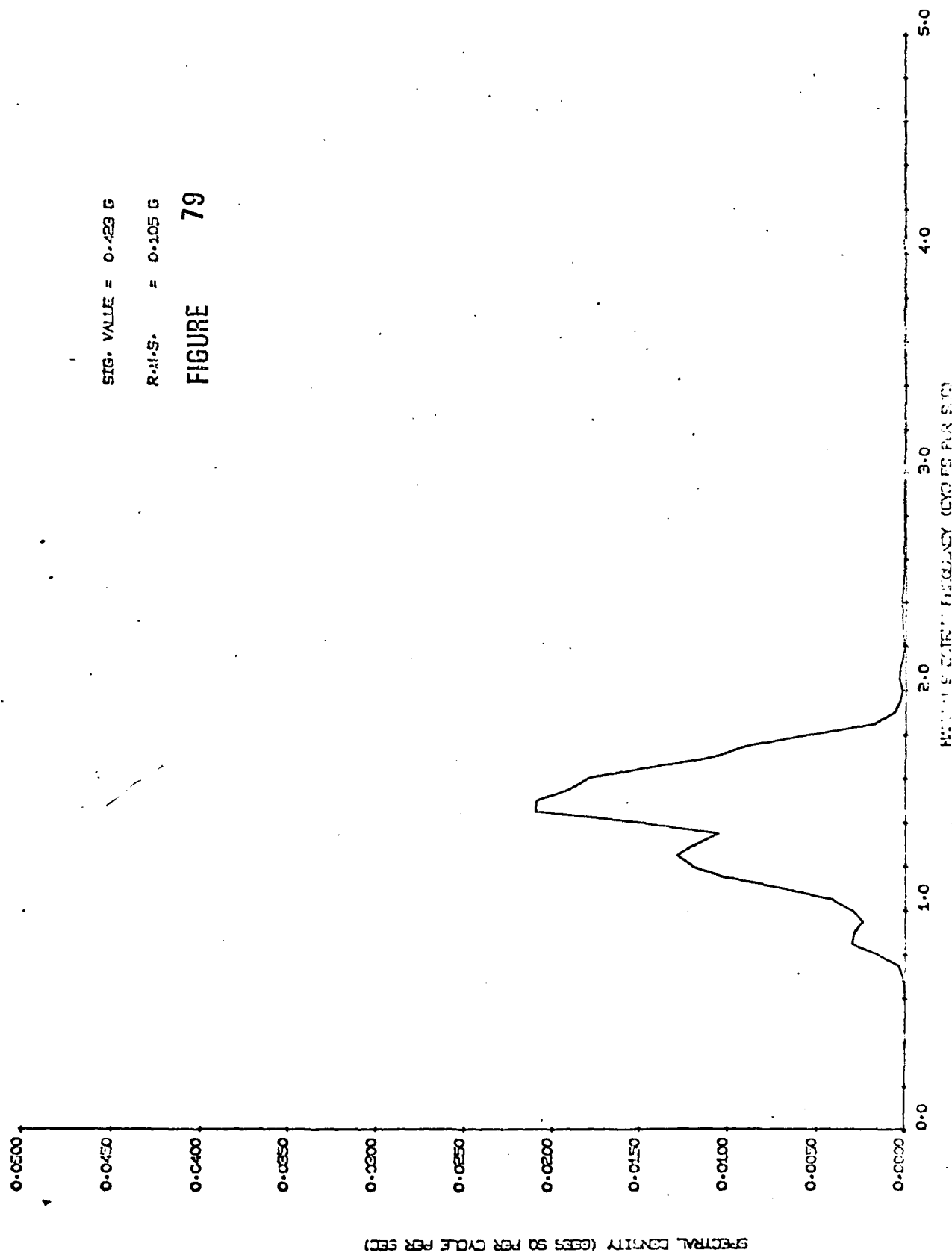
SIG. VALUE = 7.455 UNITS

R.M.S. = 1.853 UNITS

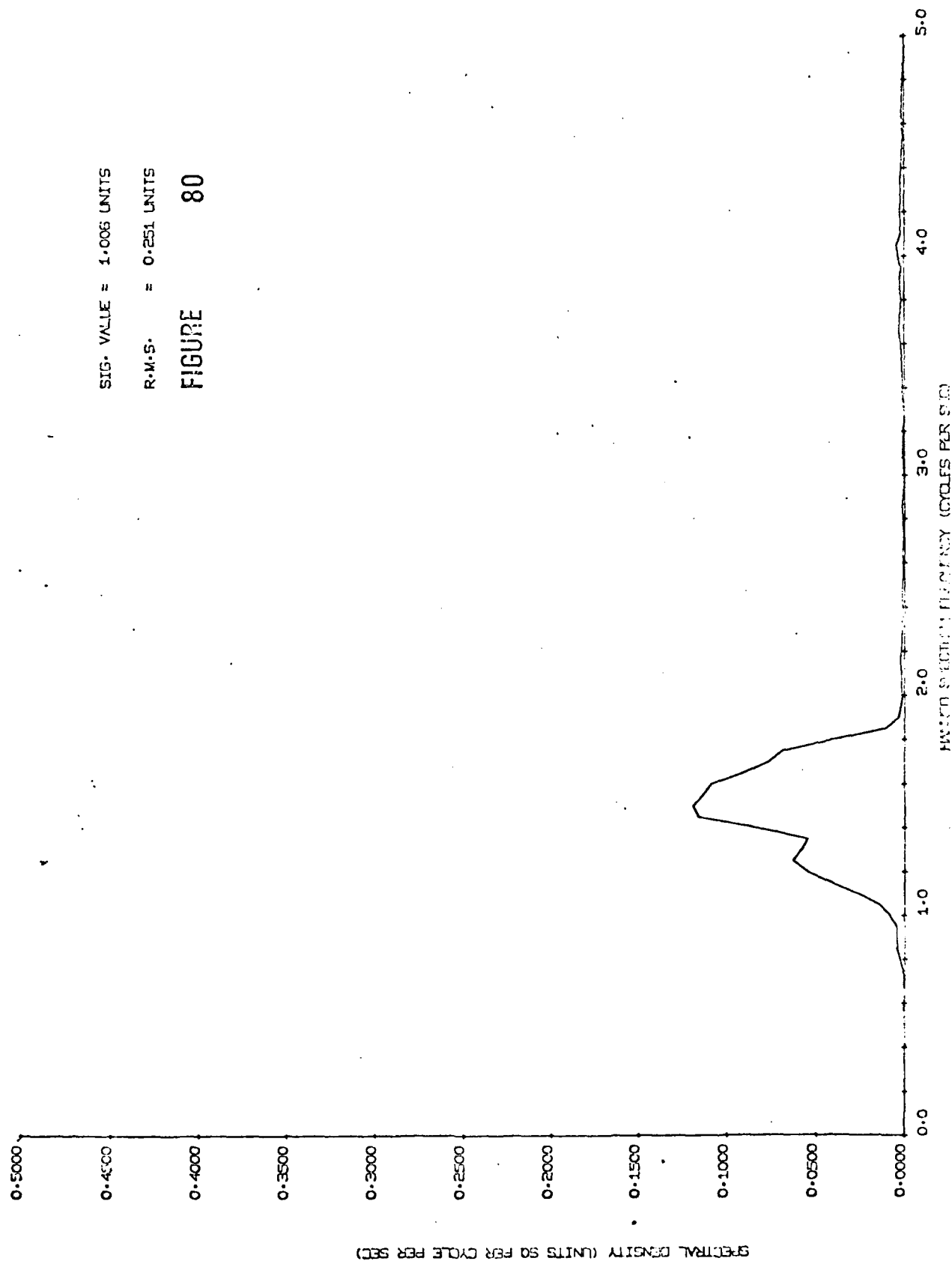
FIGURE 78



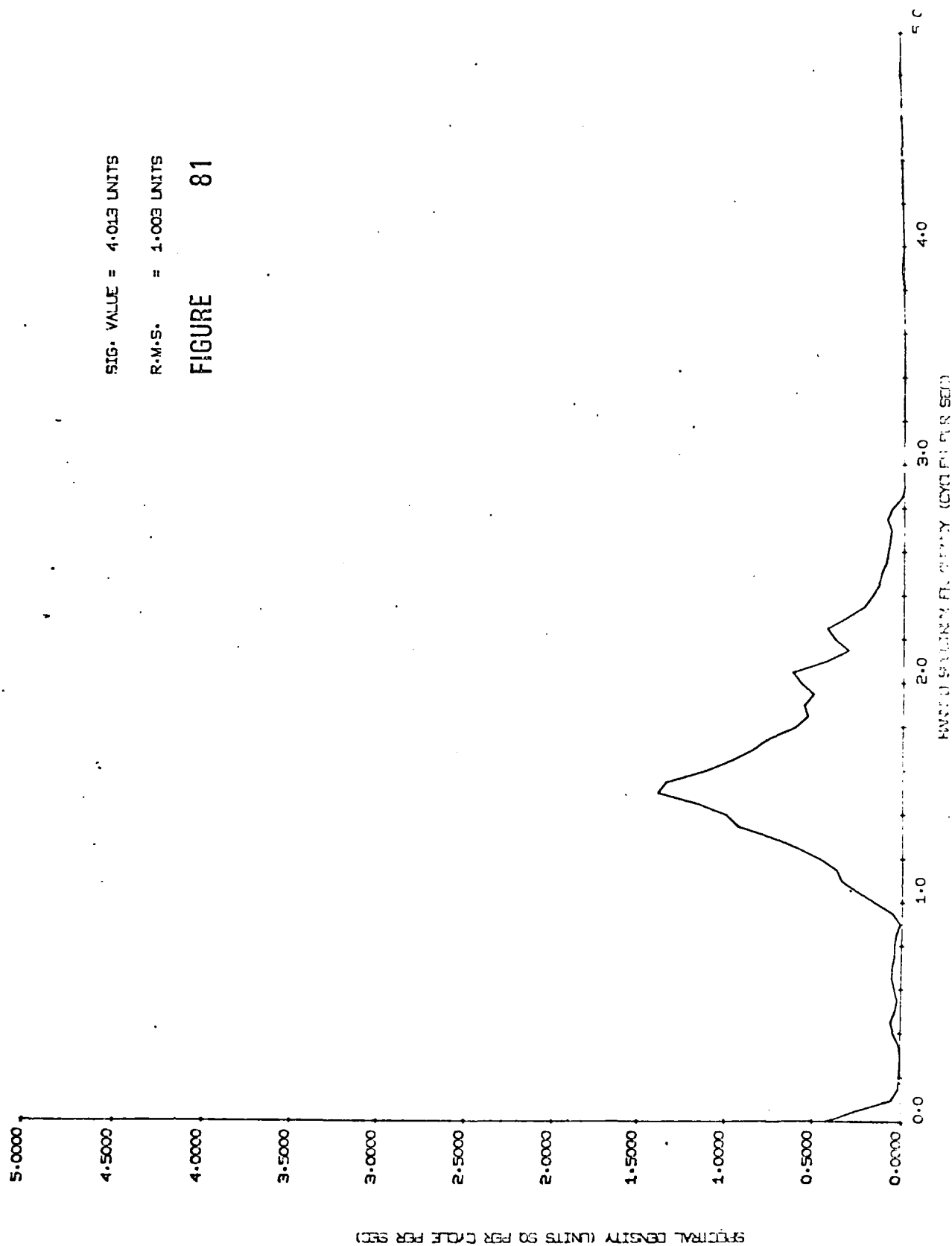
SEAWIFE TESTS NO.1 SAT MAY '76 - RUN 925 VERT.G AT C.G. SPECTRUM



SEAKNIFE TESTS NO.1 S/T MAY '76 - RUN 525 VERT.G AT 80W SPECTRUM UNITS G.S



SEAKNIFE TESTS NO.1 S/T MAY '76 - RUN 928 PITCH SPECTRUM - UNITS DEGREES

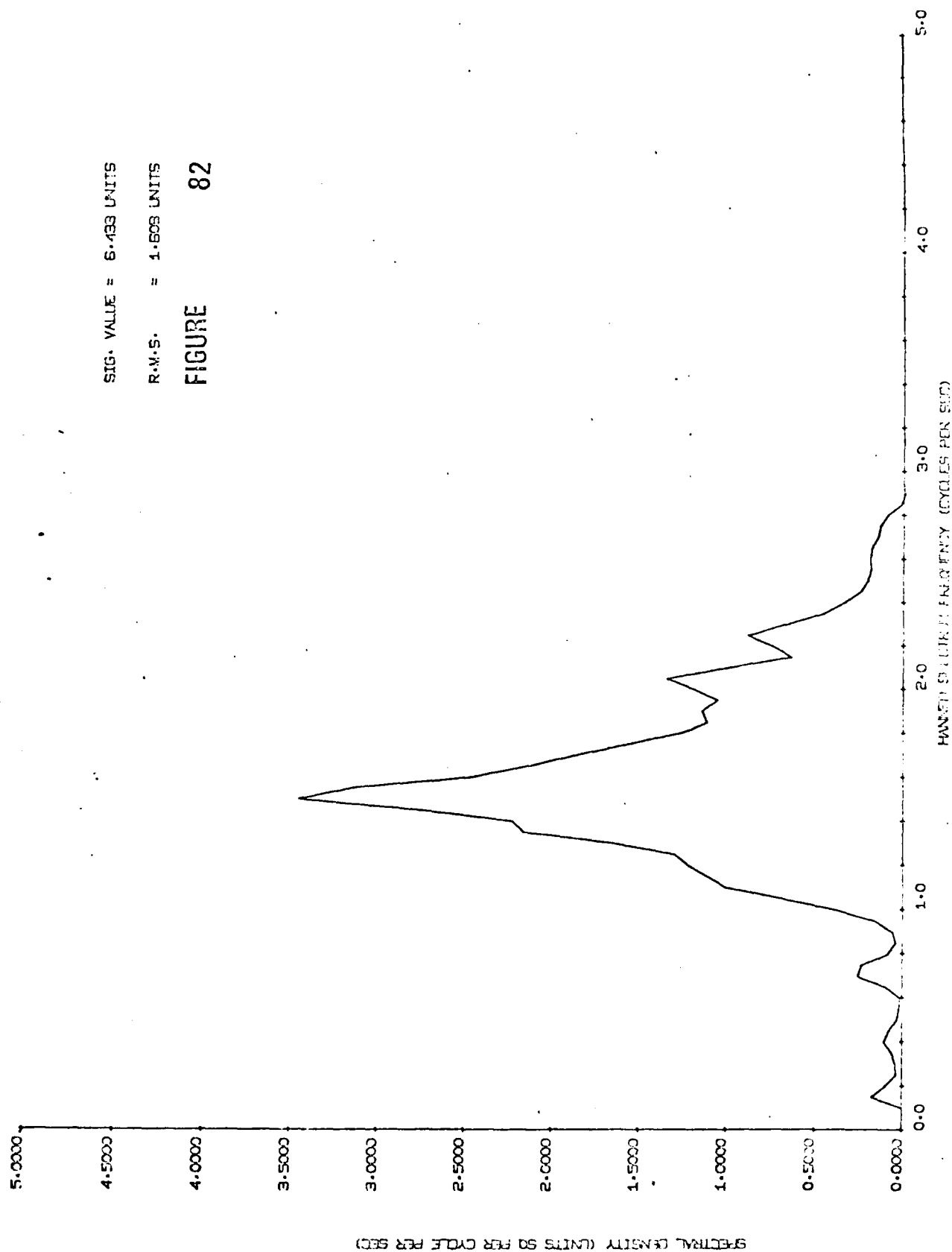


SIG. VALUE = 4.013 UNITS

R.M.S. = 1.003 UNITS

FIGURE 81

SEAKNIFE TESTS NO.1 S/T MAY '76 - RUN 928 HEAVE SPECTRUM - UNITS CENTIMETRES

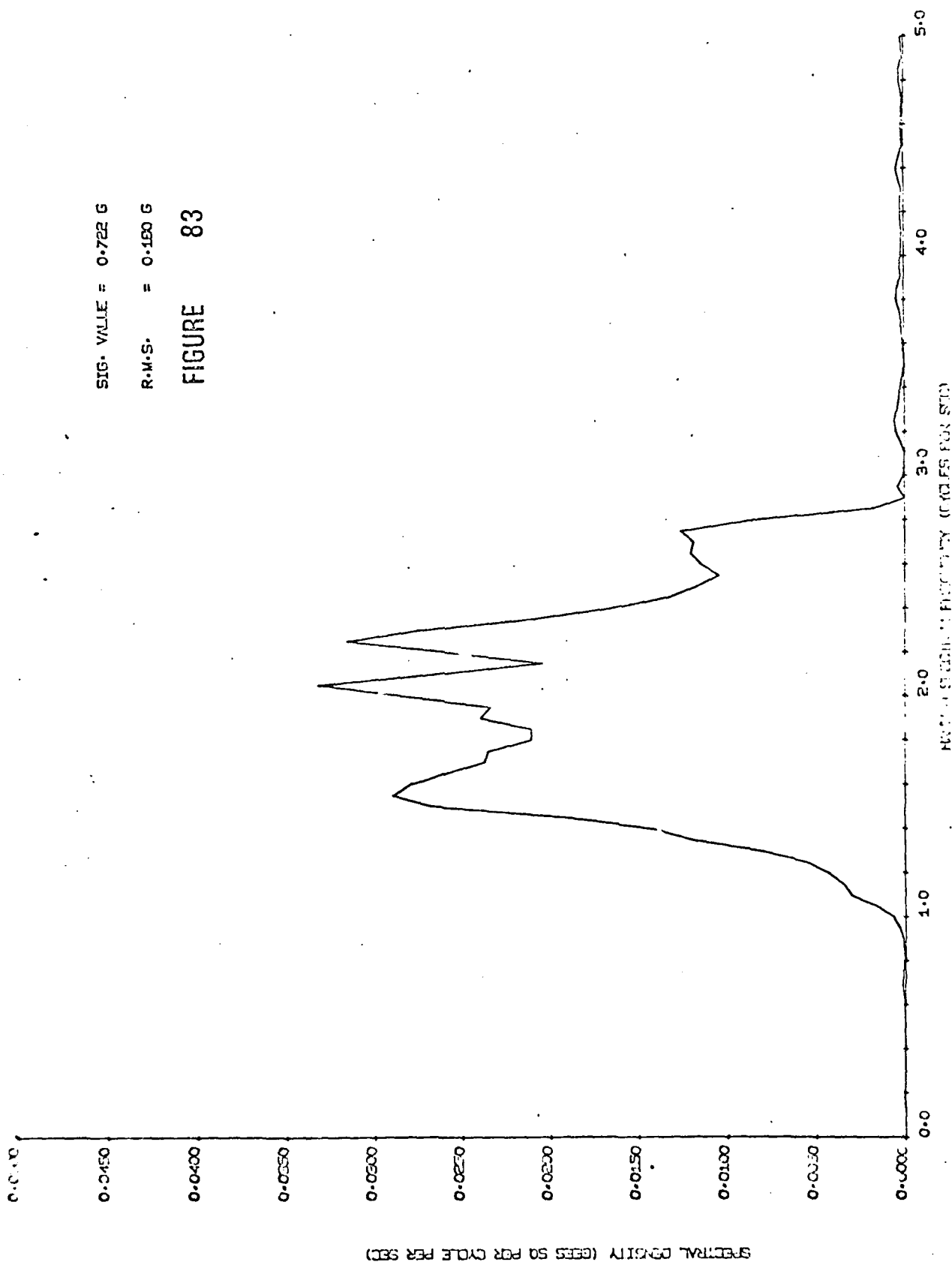


SCANNING TESTS NO.1 SAT MAY '76 - RUN 928 VERT.G AT C.G. SPECTRUM

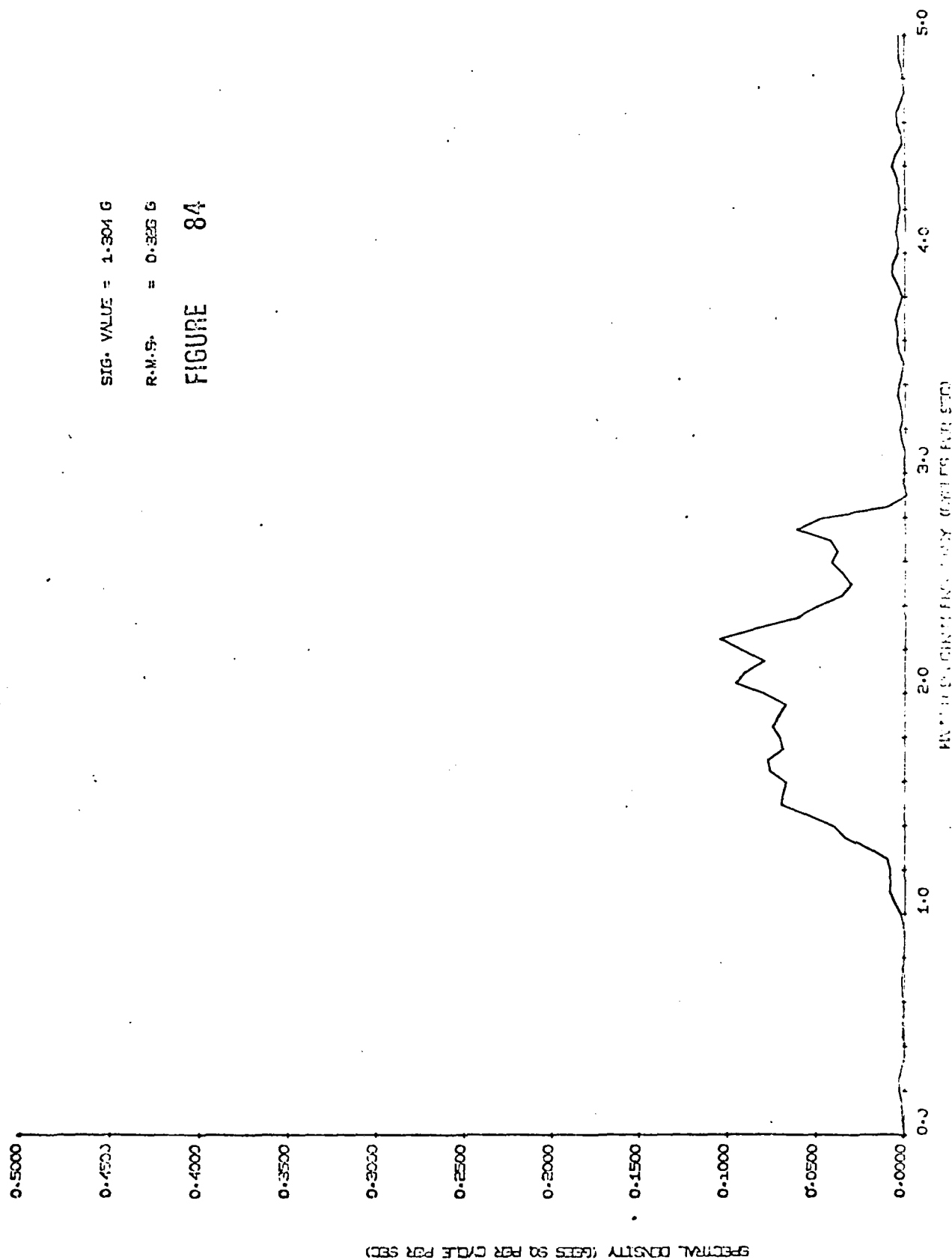
SIG. VALUE = 0.722 G

R.M.S. = 0.190 G

FIGURE 83



SEAKNIFE TESTS NO.1 SAT MAY '76 - RUN 928 VERT.G AT 80W SPECTRUM



SIG. VALUE = 1.304 G

R.M.S. = 0.325 G

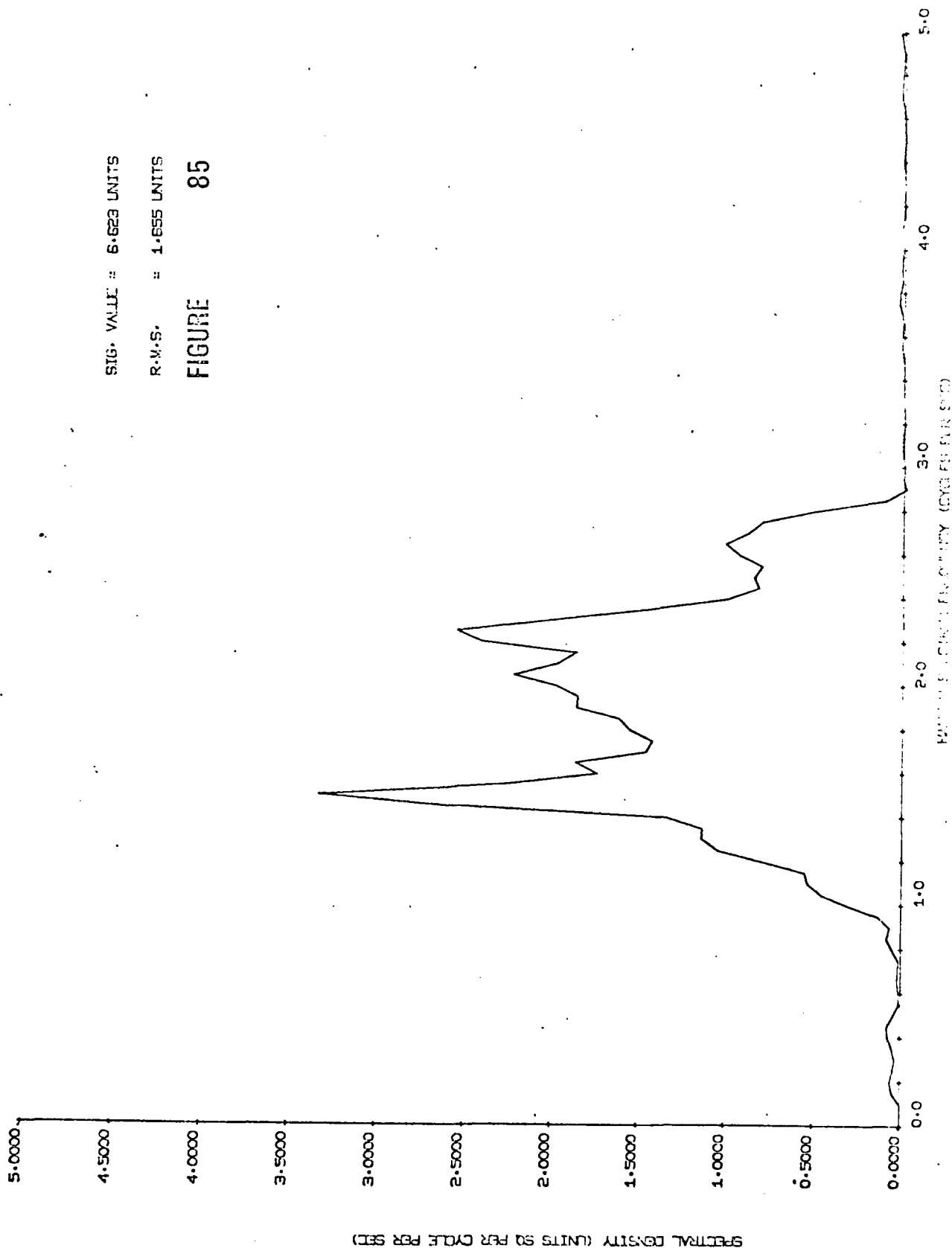
FIGURE 84

SEAKNIFE TESTS NO.1 S/T MAY '76 - RUN 928 ENCOUNTERED WAVE SPECTRUM - UNITS CM/S

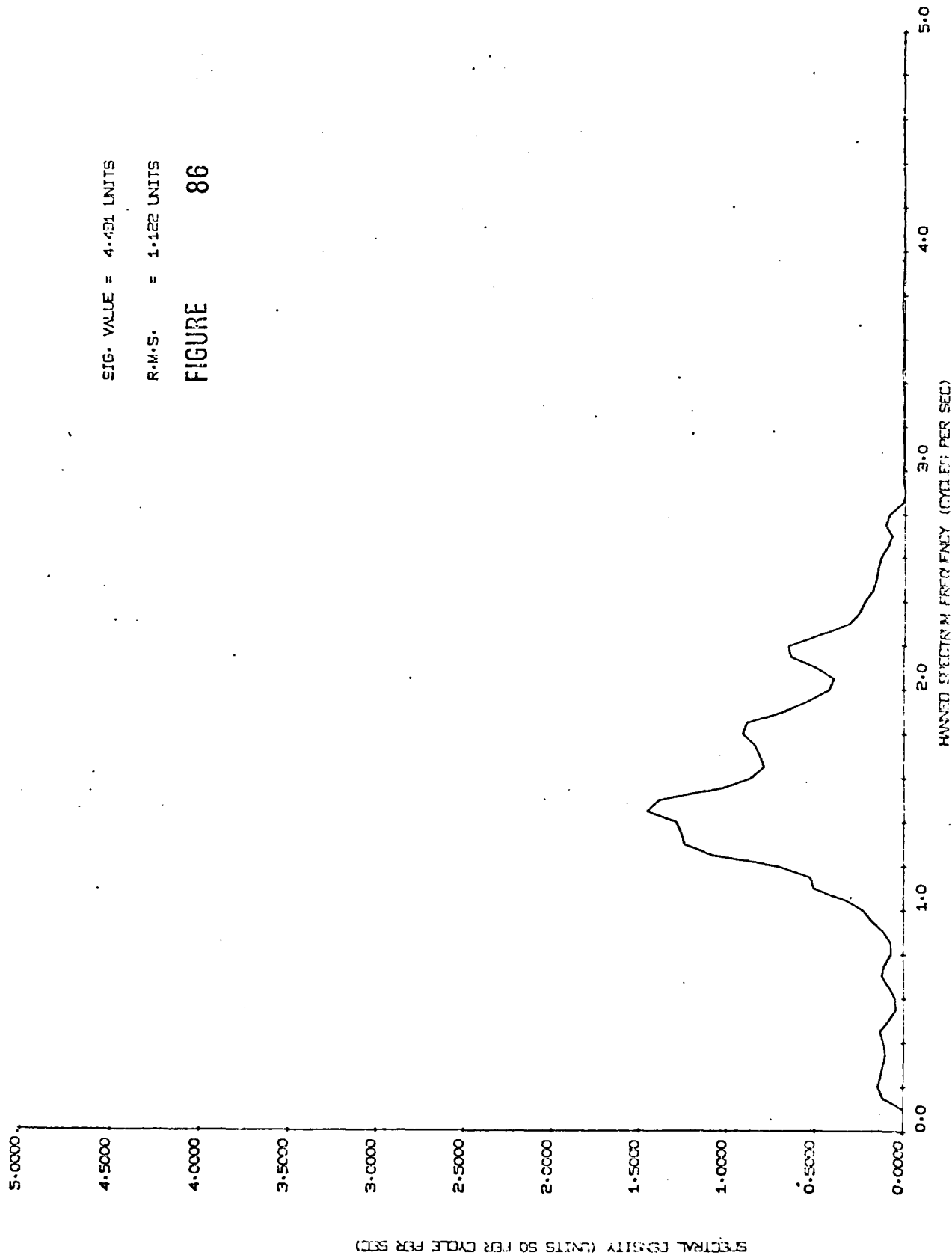
SIG. VALUE = 6.623 UNITS

R.M.S. = 1.655 UNITS

FIGURE 85



SEAKNIFE TESTS NO.1 S/T MAY '76 - RUN 929 PITCH SPECTRUM - UNITS DEGREES



SIG. VALUE = 4.431 UNITS

R.M.S. = 1.122 UNITS

FIGURE 86

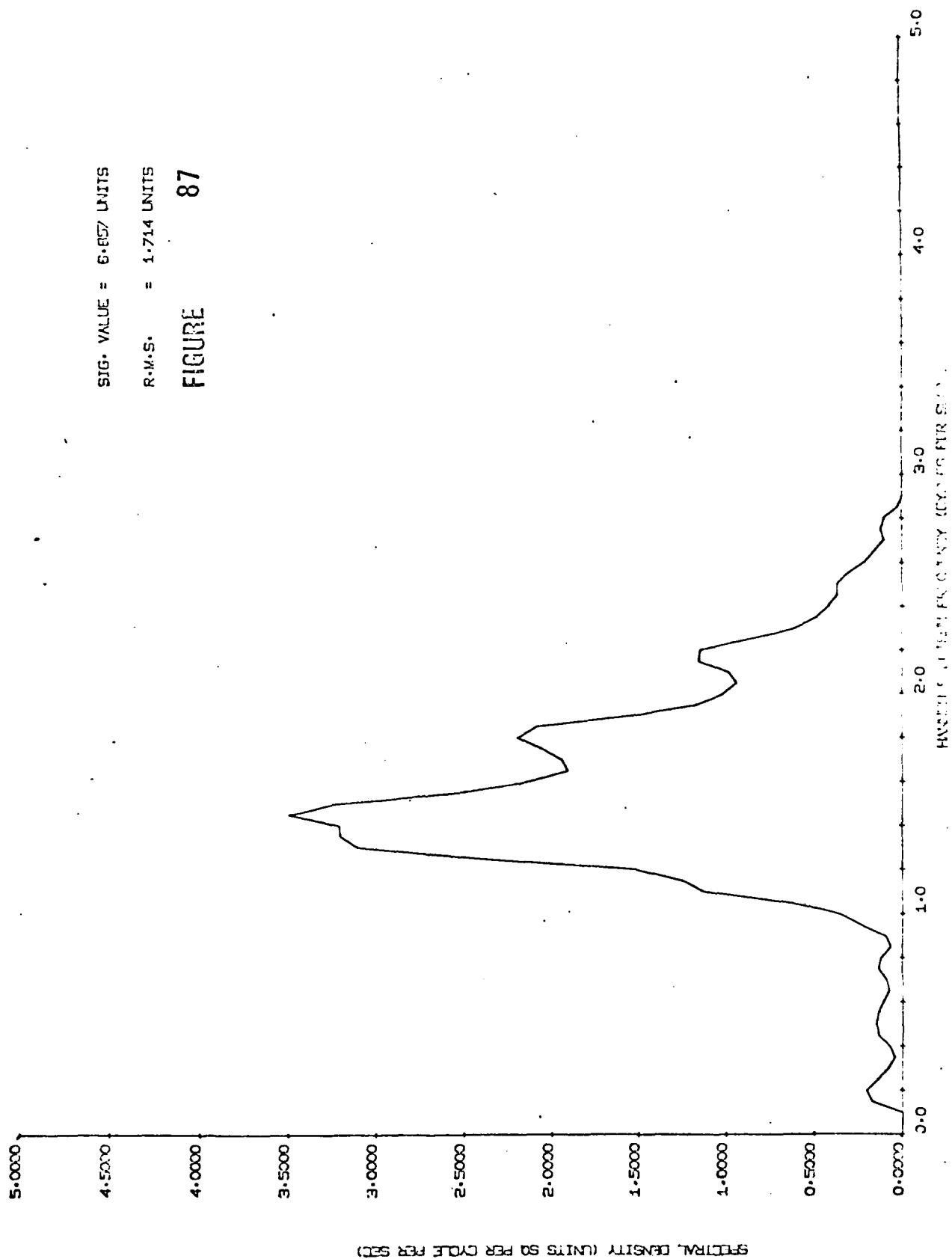
SEAKNIFE TESTS NO.1 S/T MAY '76 - RUN 929 LEAVE SPECTRUM - UNITS CENTIMETRES

SIG. VALUE = 6.657 UNITS

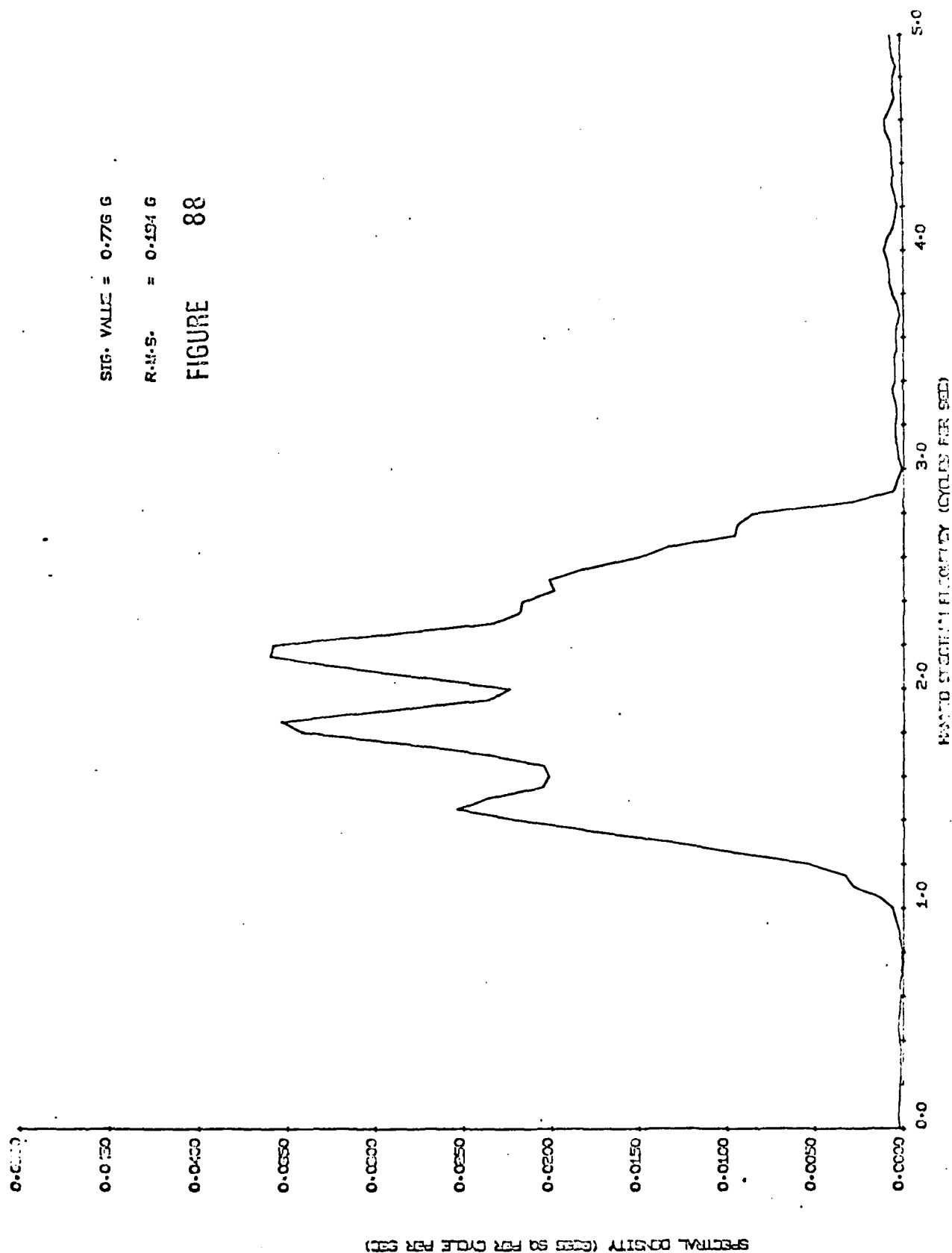
R.M.S. = 1.714 UNITS

87

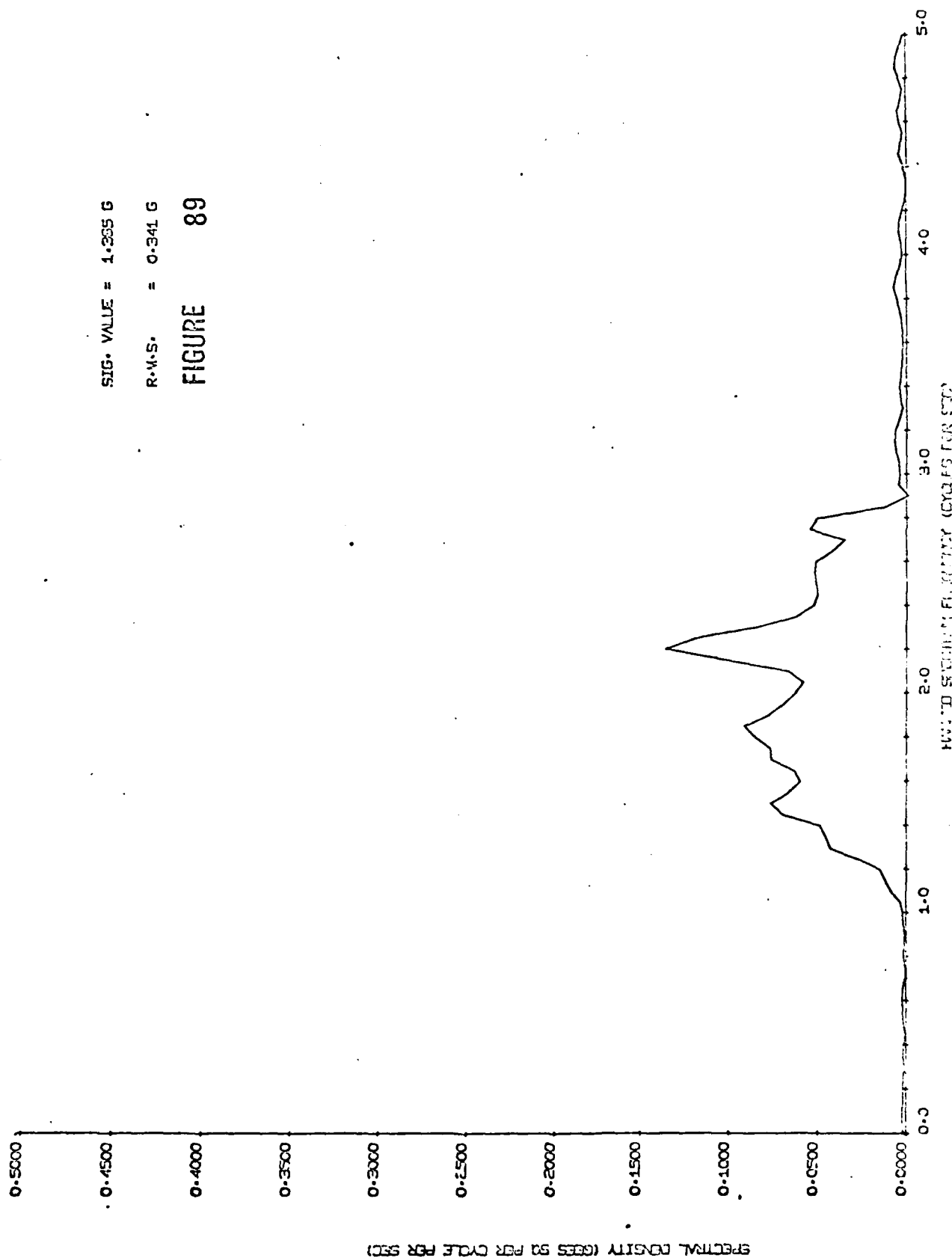
FIGURE



SEAKNIFE TESTS NO.1 SAT MAY '76 - RUN 923 VERT-G AT C-6- SPECTRUM



SEAKNIFE TESTS NO.1 S/T MAY '76 - RUN 929 VERT.G AT EDW SPECTRLM



SIG. VALUE = 1.265 G

R.M.S. = 0.341 G

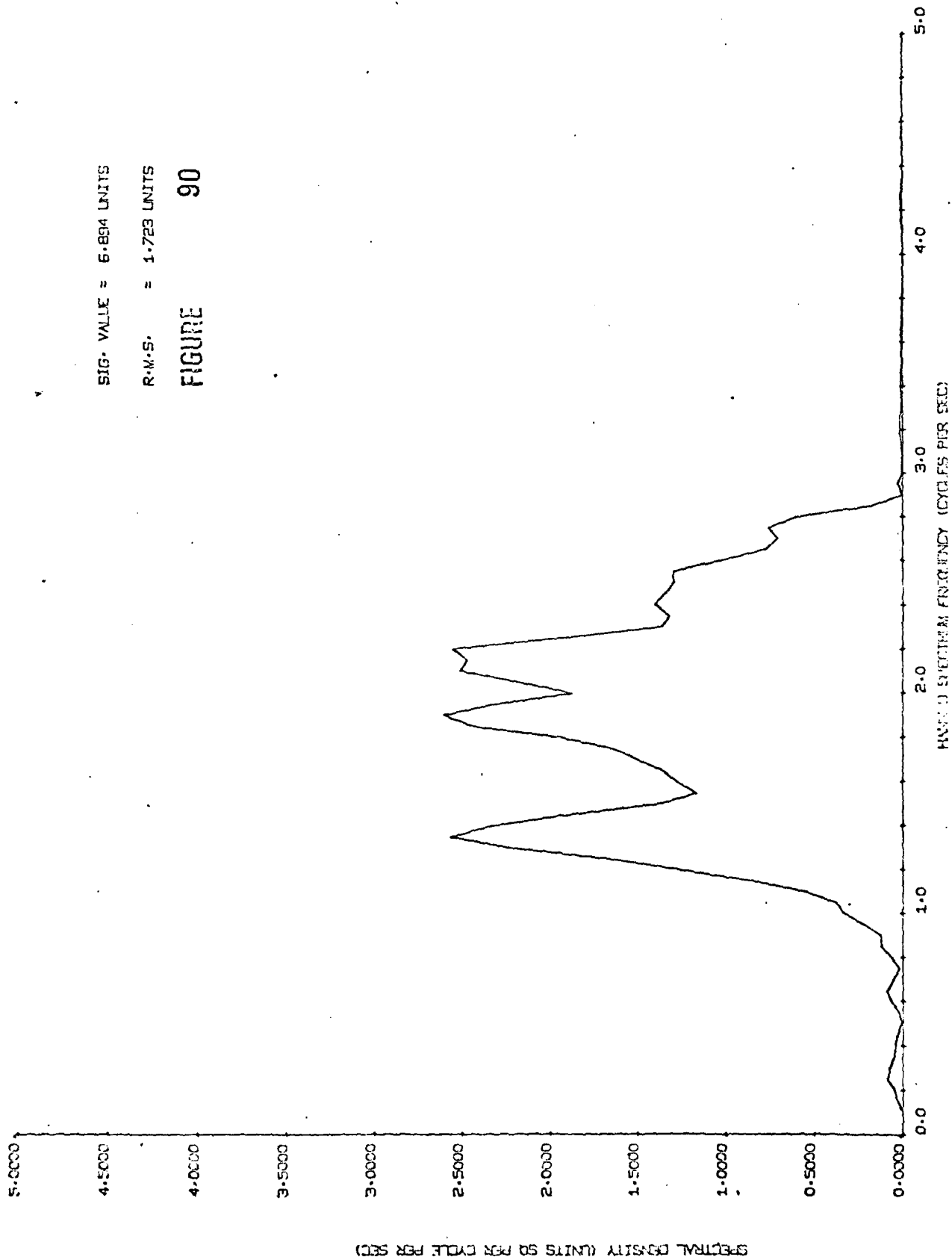
FIGURE 89

SEAKNIFE TESTS N.O.1 SAT MAY '76 - RUN 90 ENCOUNTERED WAVE SPECTRUM - UNITS C/M.S.

SIG. VALUE = 6.894 UNITS

R.M.S. = 1.723 UNITS

FIGURE 90

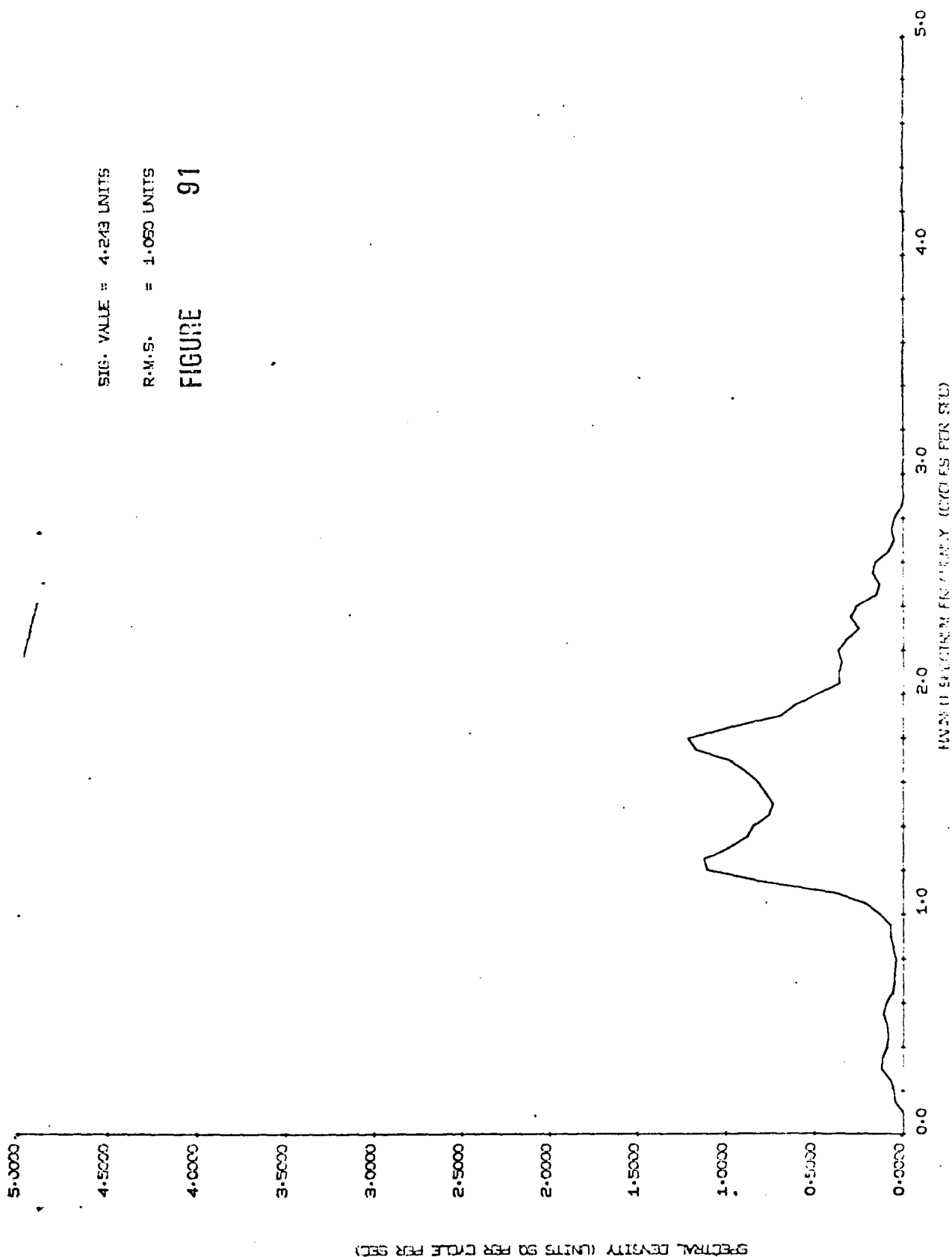


SEAKNIFE TESTS NO.1 S/T MAY '76 - RUN 830 PITCH SPECTRUM - UNITS DEGREES

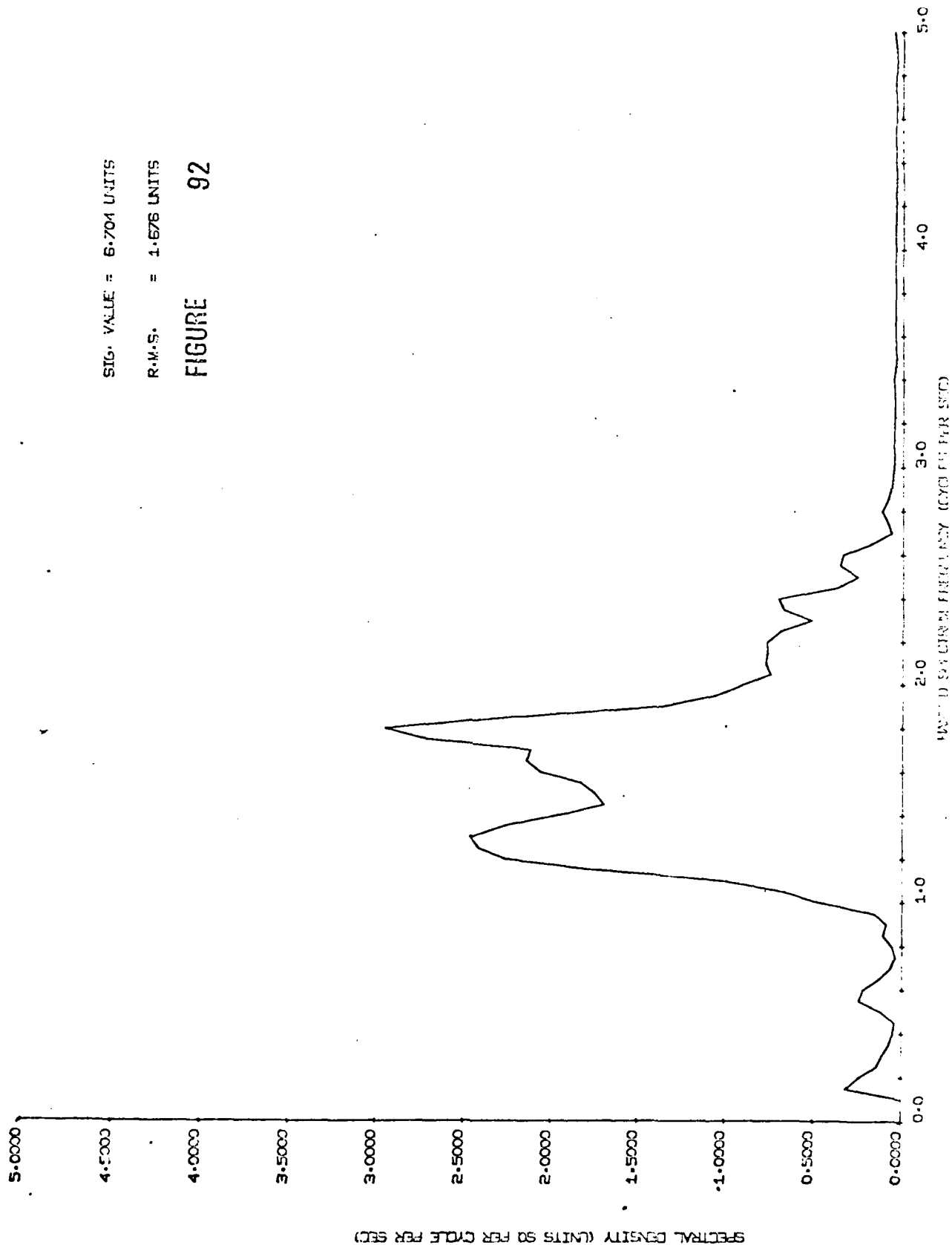
SIG. VALUE = 4.243 UNITS

R.M.S. = 1.050 UNITS

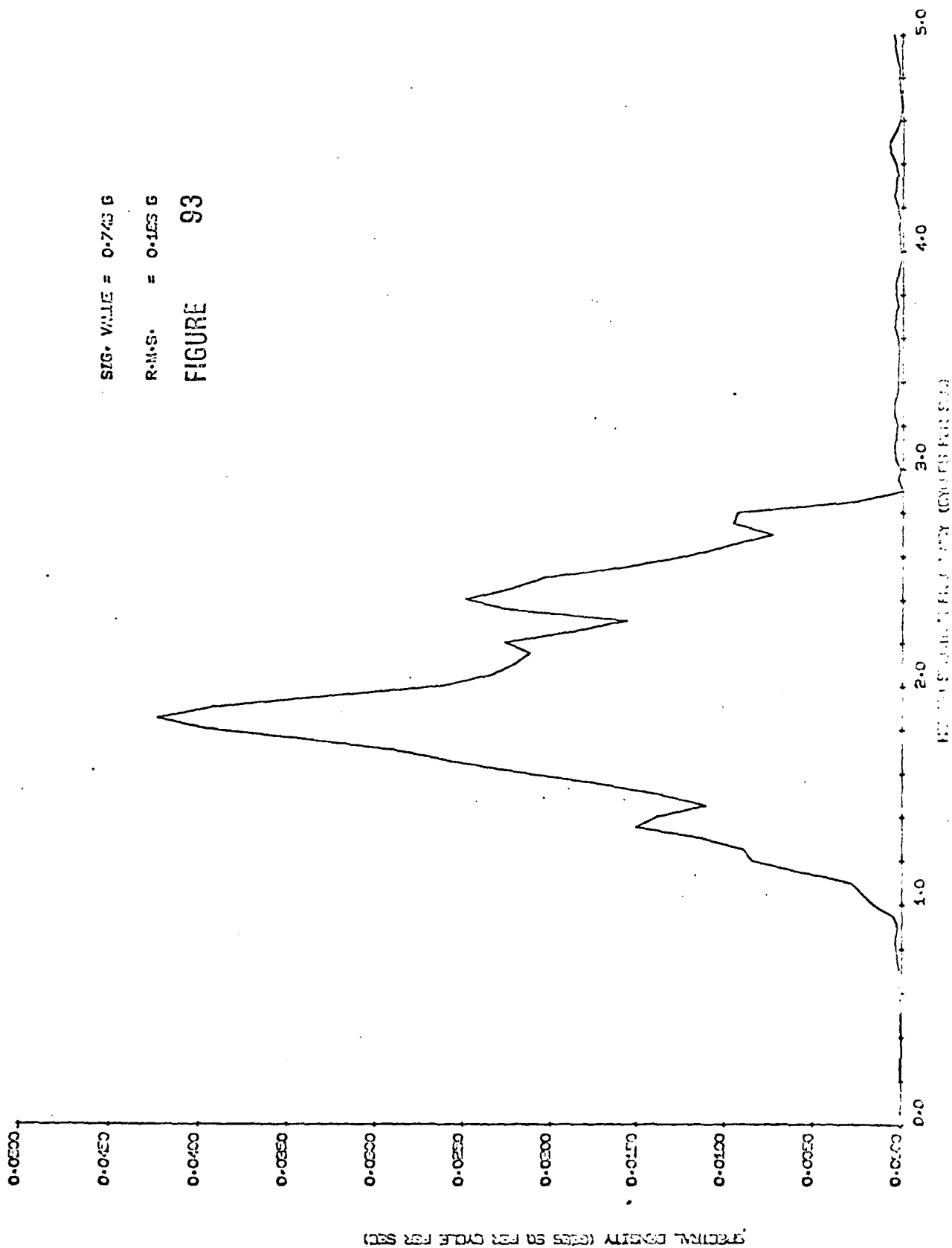
FIGURE 91



SEAKNIFE TESTS NO.1 S/T MAY '76 - RUN 930 HEAVE SPECTRUM - UNITS CENTIMETRES



SEAWIFE TESTS 13-1 SAT MAY '76 - RUN 580 VERT-G AT C-6. SPECTRUM

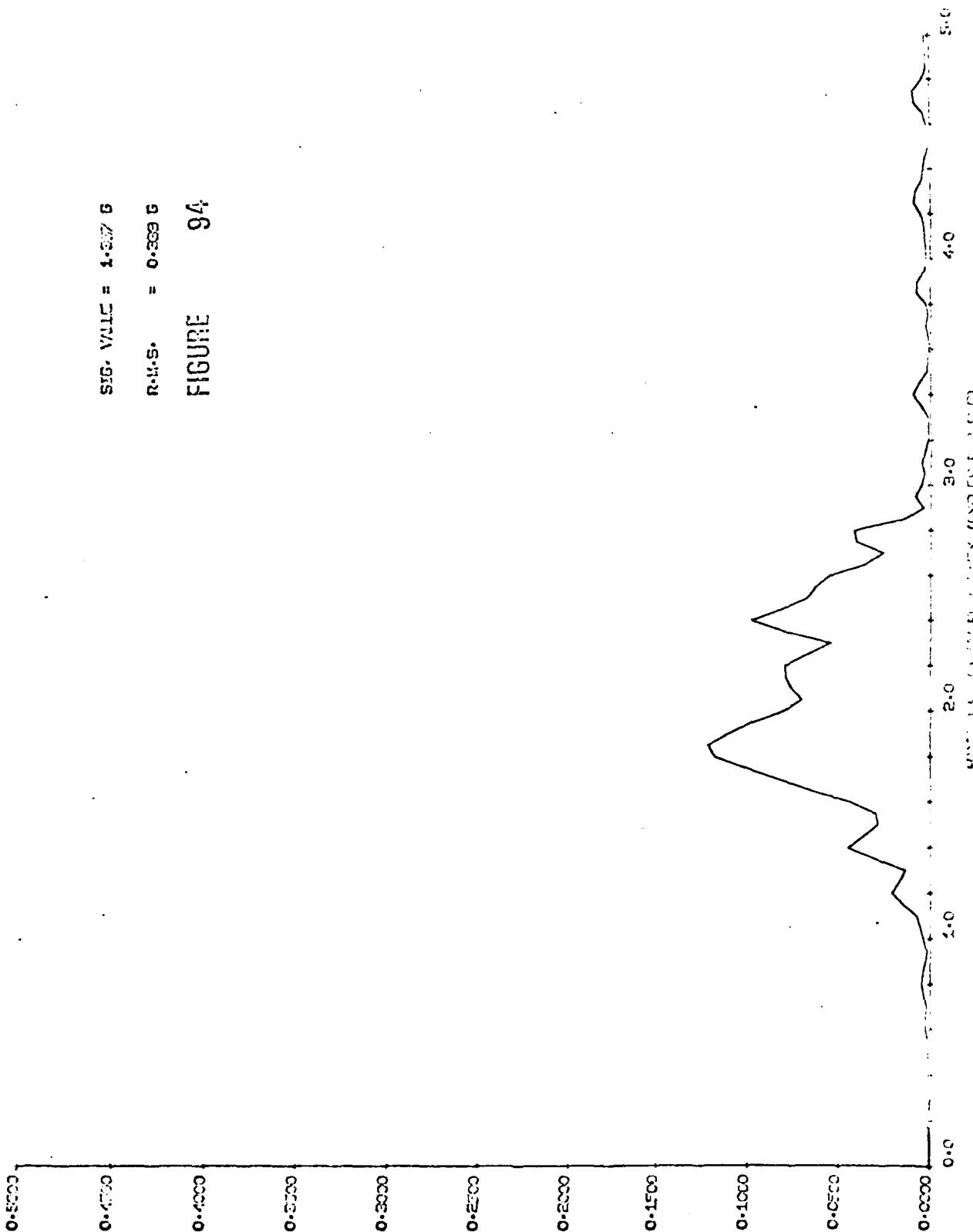


SIG. VALUE = 0.743 G

R.M.S. = 0.153 G

FIGURE 93

SEAWIND TUNIS RD-1 SAT MAY '76 - RUN 990 VERT-G AT 100 SELECTION



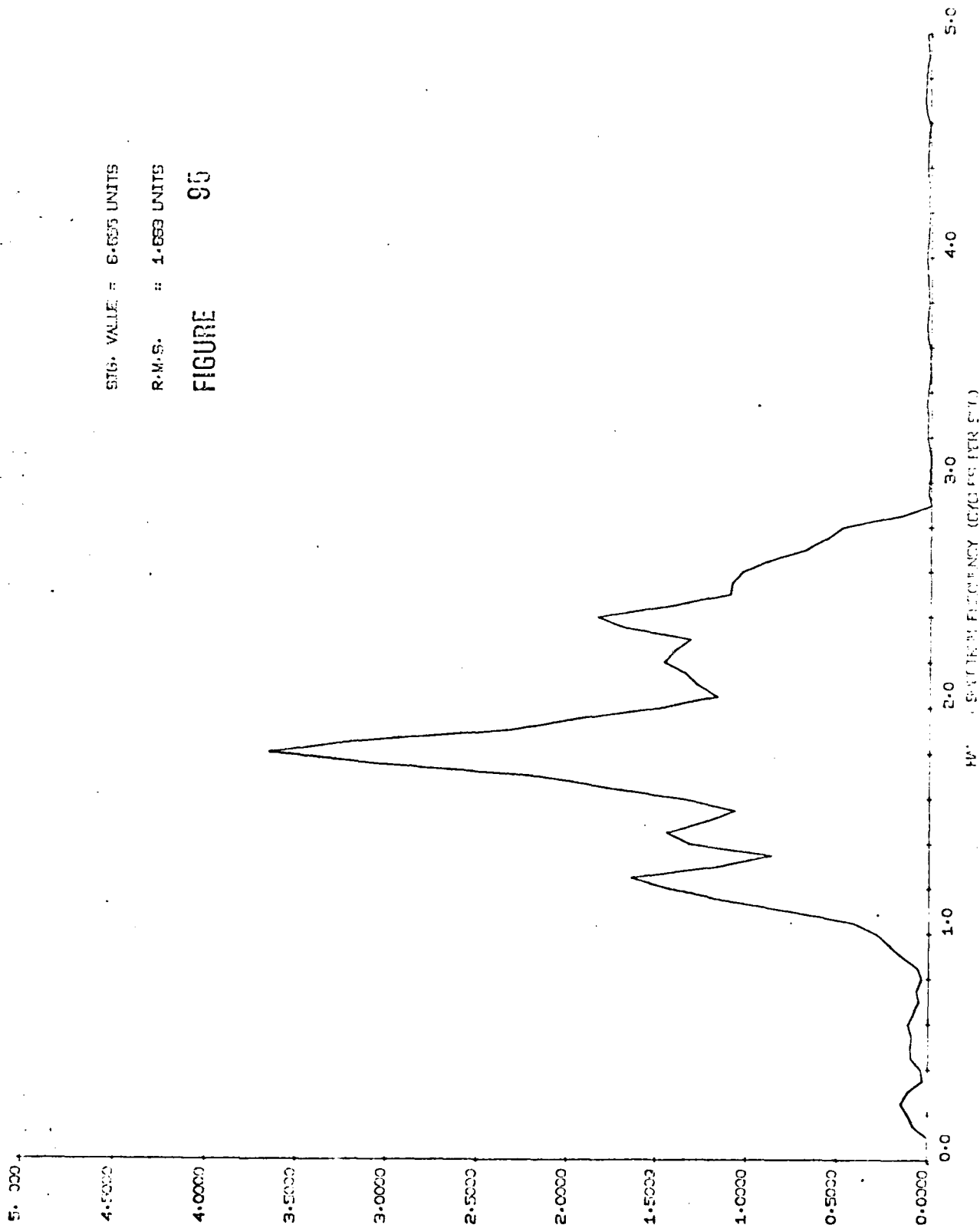
SIG. VOLT = 1.337 G

R.M.S. = 0.333 G

FIGURE 94

SPECTRAL DENSITY (DB) VS FREQUENCY (HZ) FOR 990

REPORT DATE: NOV 1971 RUN: 950 - LINE: 1000 - WAVELENGTH: 1000 - UNITS: DMS



STG. VALUE = 6.655 UNITS

R.M.S. = 1.683 UNITS

FIGURE 95

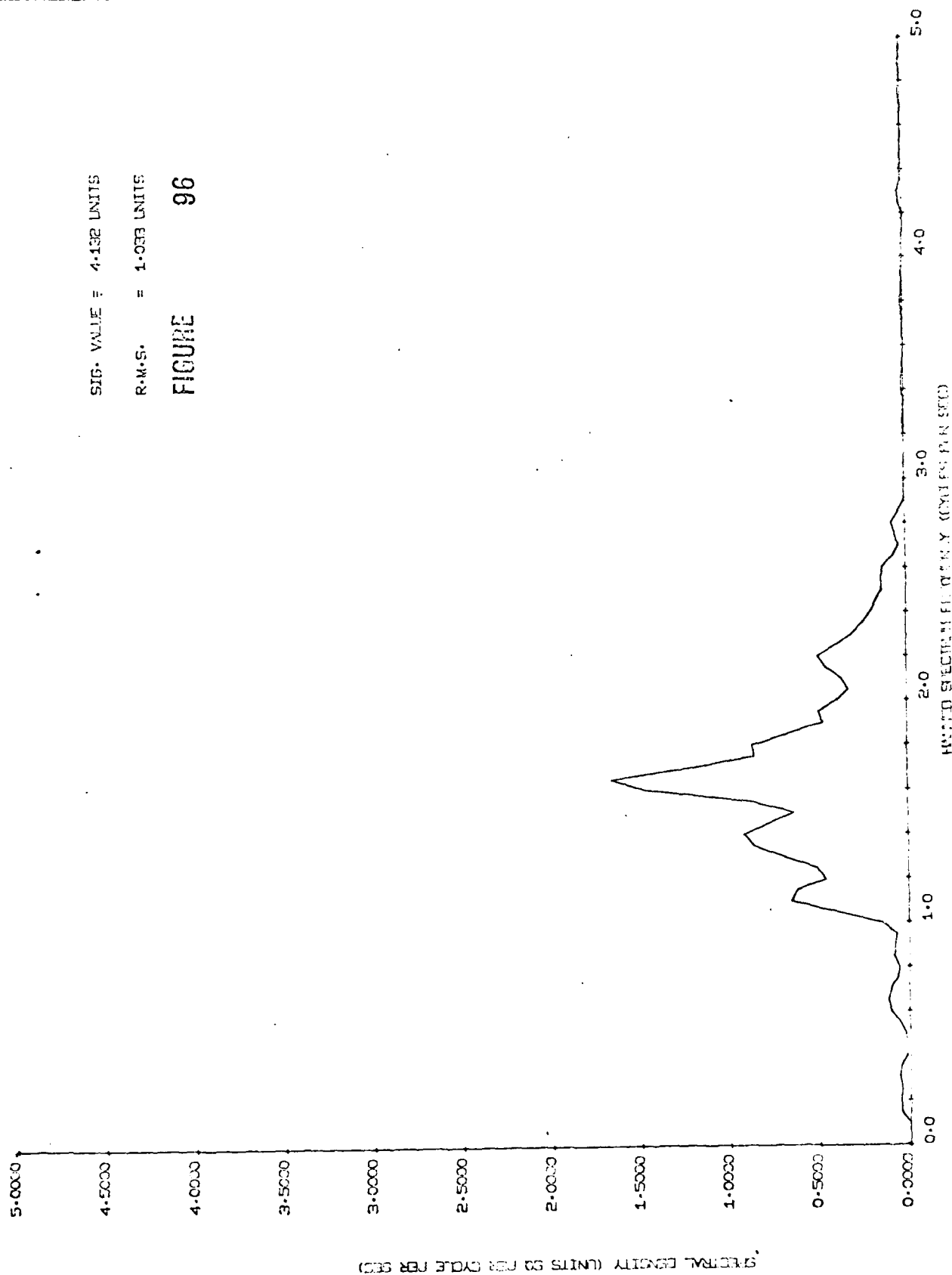
SPECTRAL DENSITY (UNITS 32 PER CYCLE FOR 950)

SEAKNIFE TESTS NO.1 S/T MAY '76 - RUN 931 PITCH SPECTRUM - UNITS DEFENSES

SIG. VALUE = 4.132 UNITS

R.M.S. = 1.023 UNITS

FIGURE 96



AD-A081 565

ADMIRALTY EXPERIMENT WORKS HASLAR (ENGLAND) F/G 13/10
SEA KNIFE ANALYSIS OF SELECTED SEAKEEPING DATA. VOLUME 2. FIGURE-ETC(U)
NOV 76 M A HAMMOND, K NICHOLSON N68171-76-V-9910
UNCLASSIFIED AEW-TR-N76034-VOL-2 NL

2 of 2
AD-A081 565

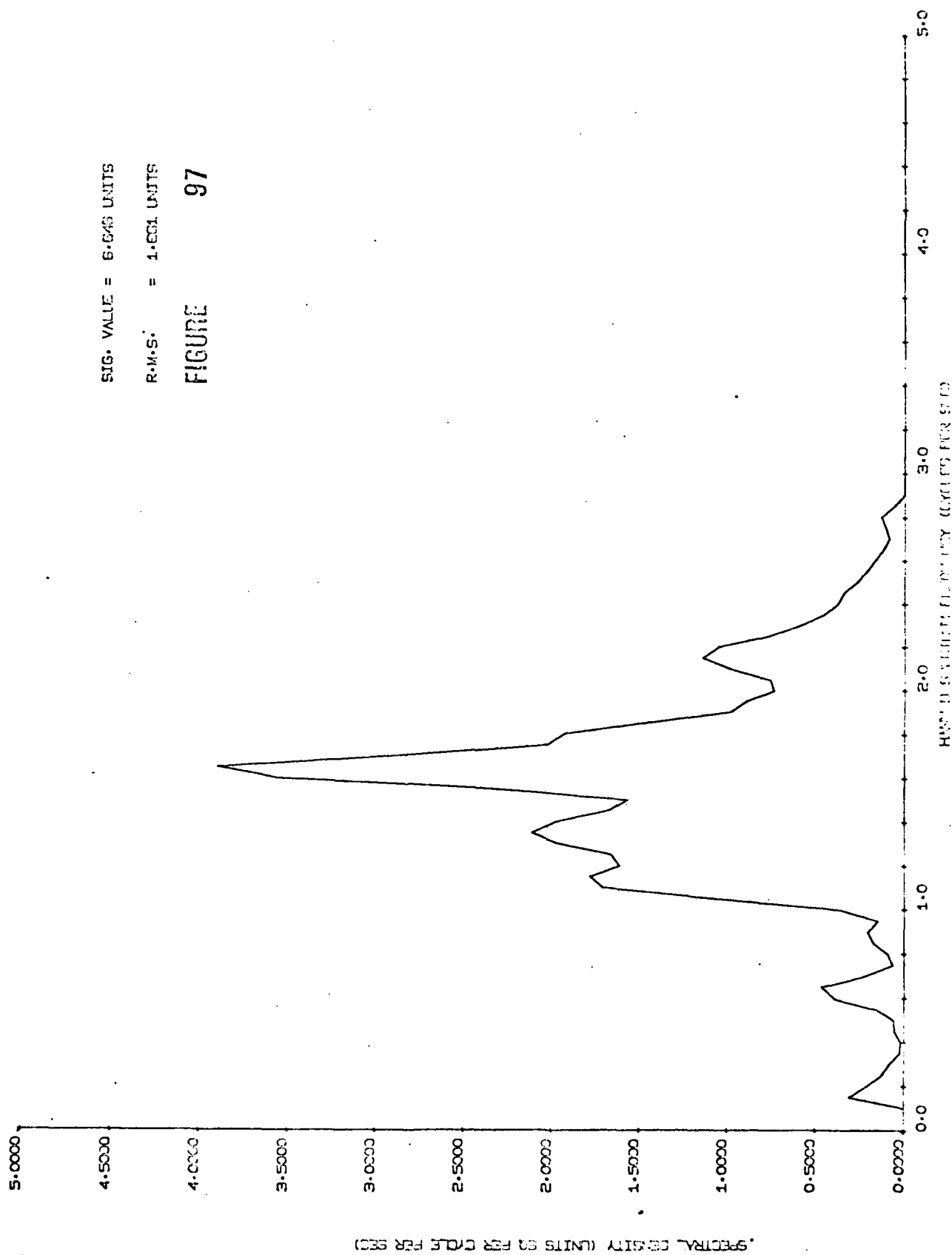
END
DATE
FILMED
4-80
DTIC

SEAKNITE TESTS NO.1 SAT MAY '76 - RUN 931 HEAVE SPECTRUM - UNITS CENTIMETRES

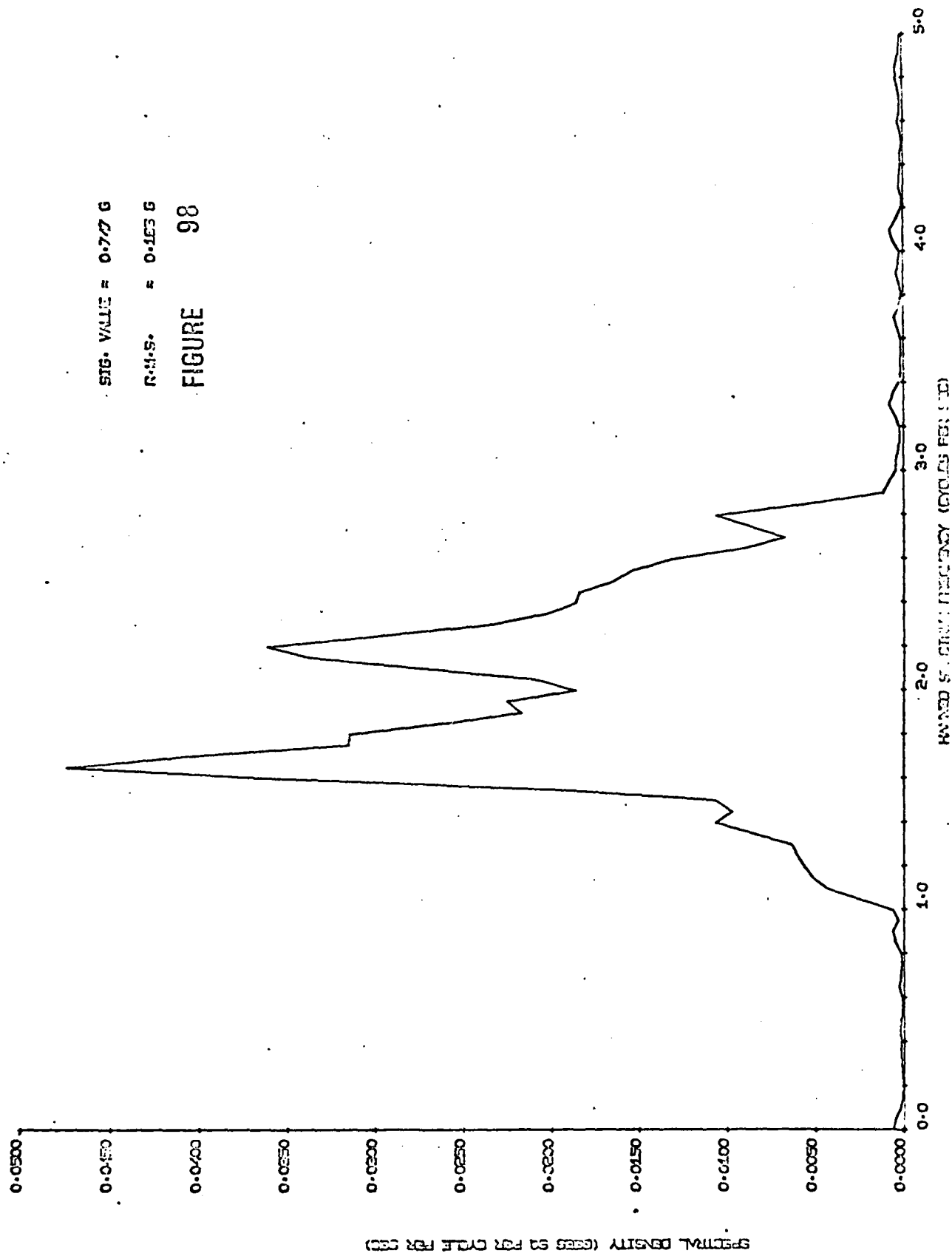
SIG. VALUE = 6.643 UNITS

R.M.S. = 1.601 UNITS

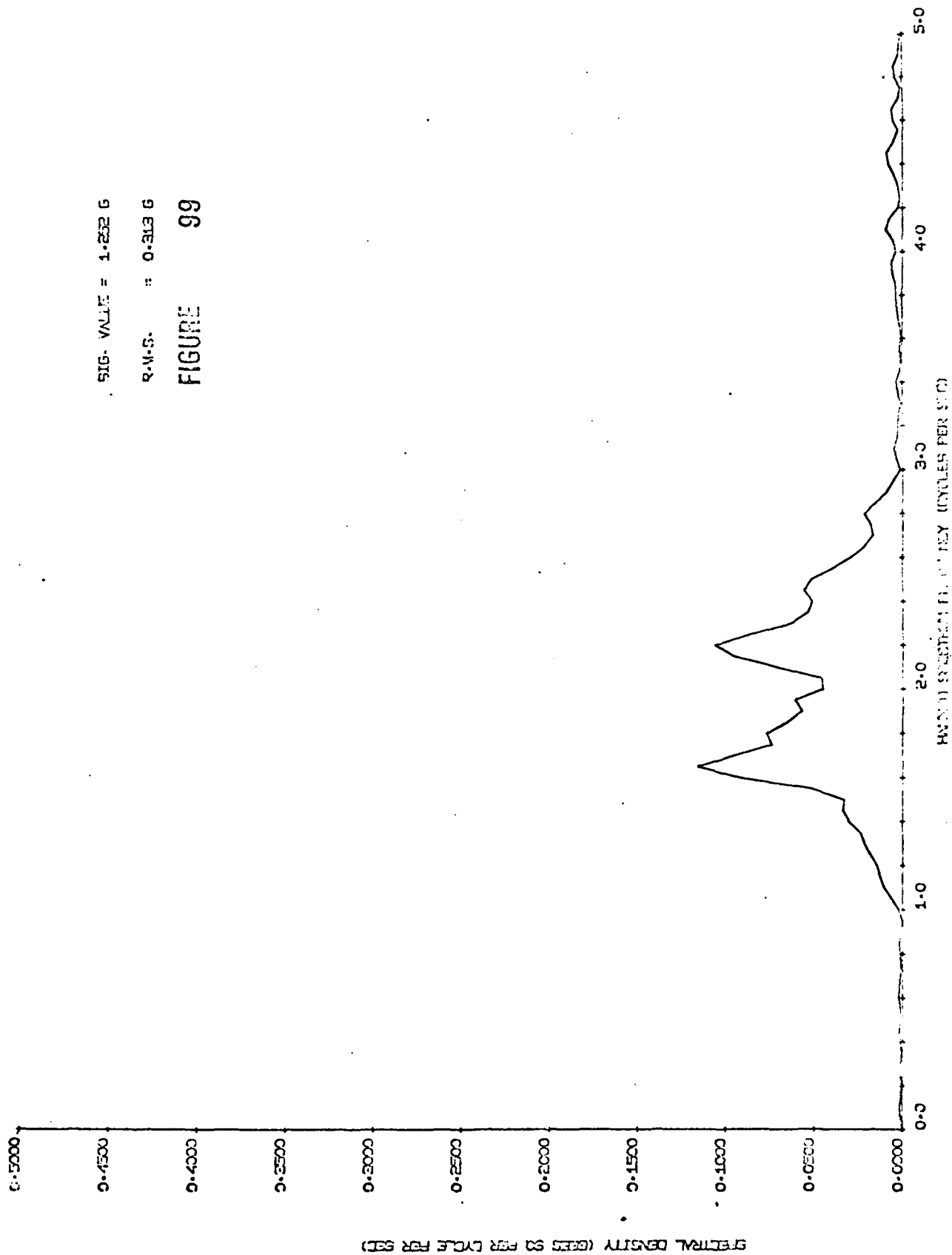
FIGURE 97



SEAWIFE TESTS NO.1 SAT MAY '76 - RUN 981 VERT.G AT C.G. SPECTRUM



SEAWIFE TESTS NO.1 SAT MAY '76 - RUN 931 VERT.G AT 80W SPECTRUM

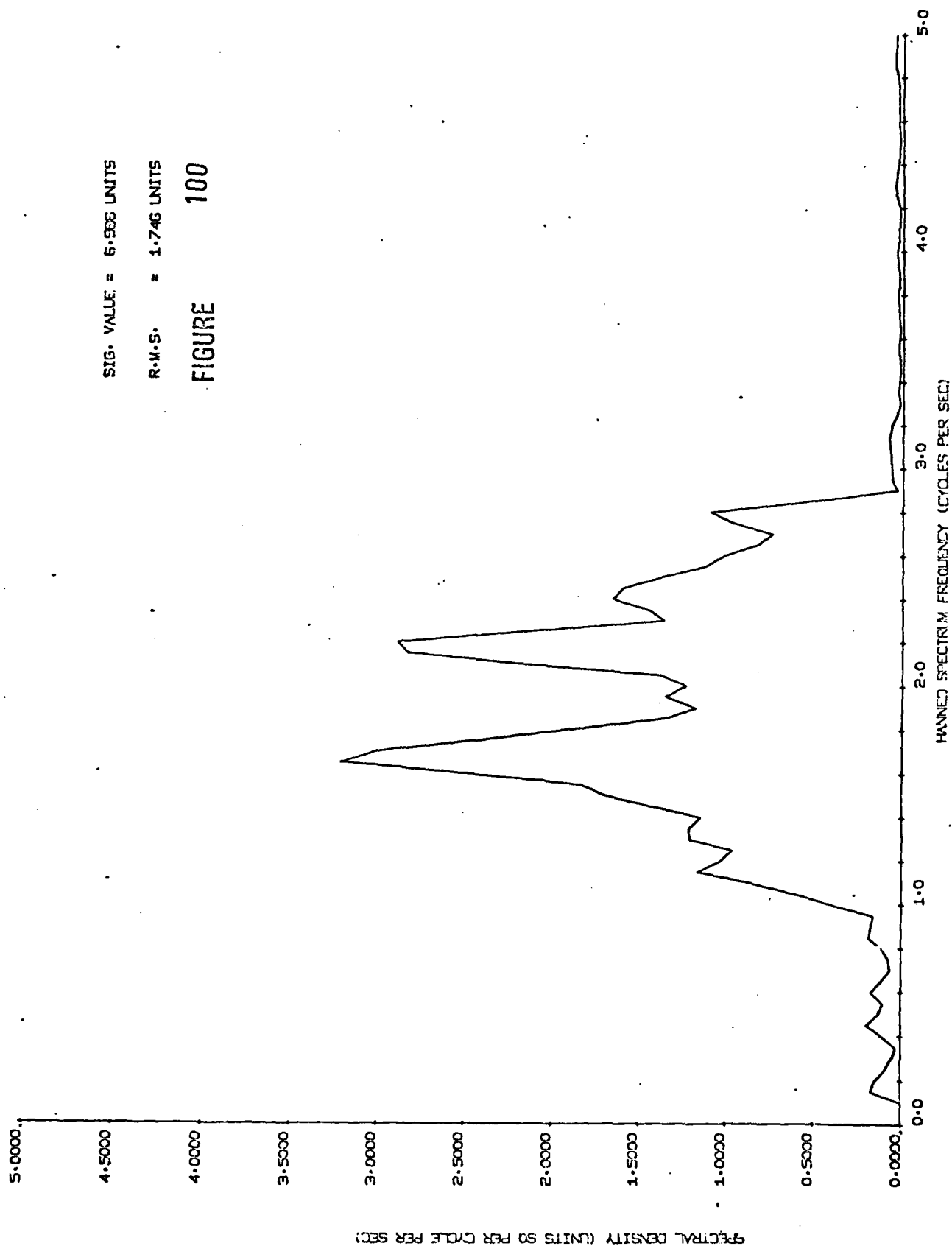


SEAKNIFE TESTS NO.1 S/T MAY '76 - RUN 931 ENCOUNTERED WAVE SPECTRUM - UNITS CMS

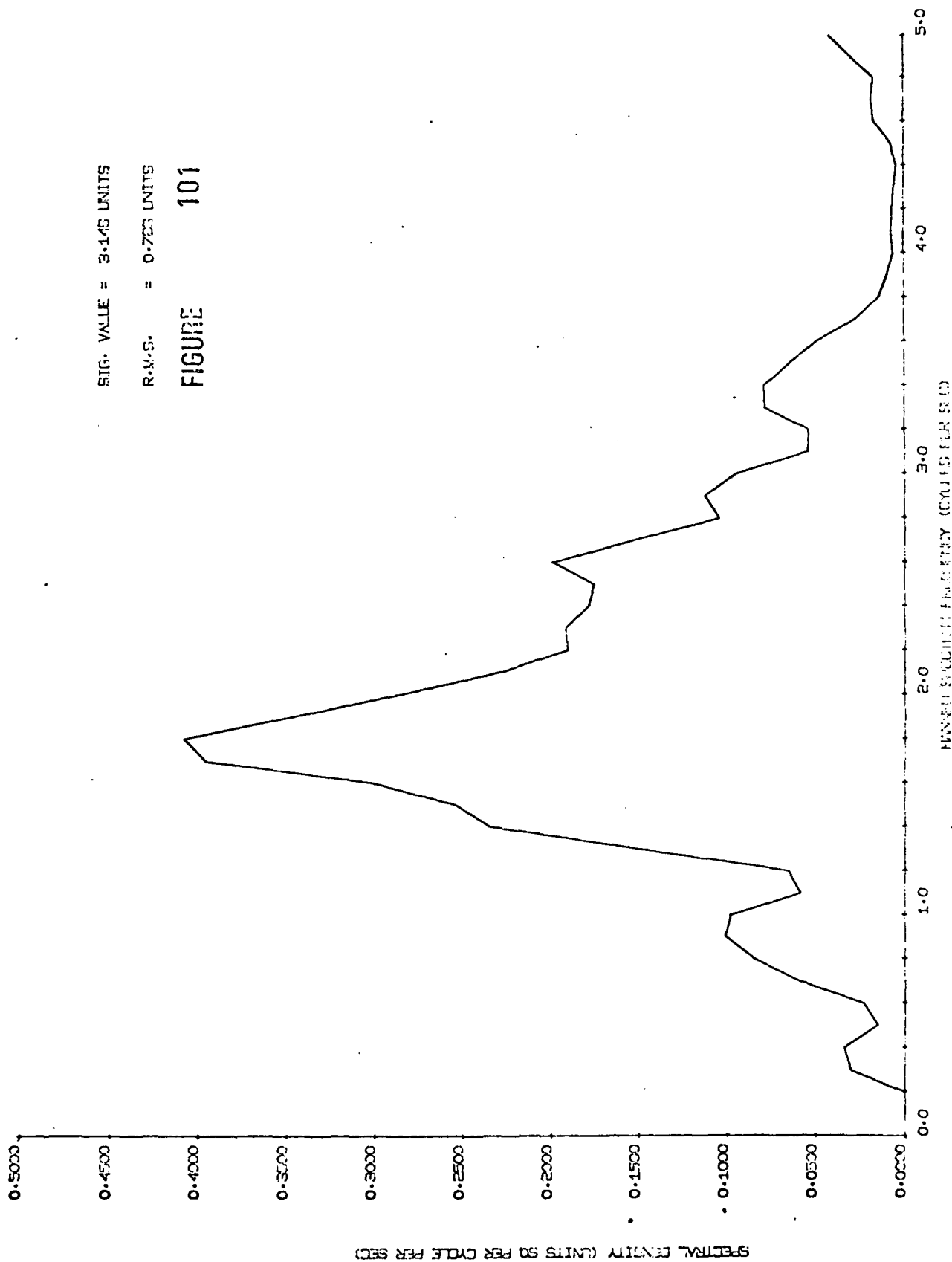
SIG. VALUE = 6.998 UNITS

R.M.S. = 1.746 UNITS

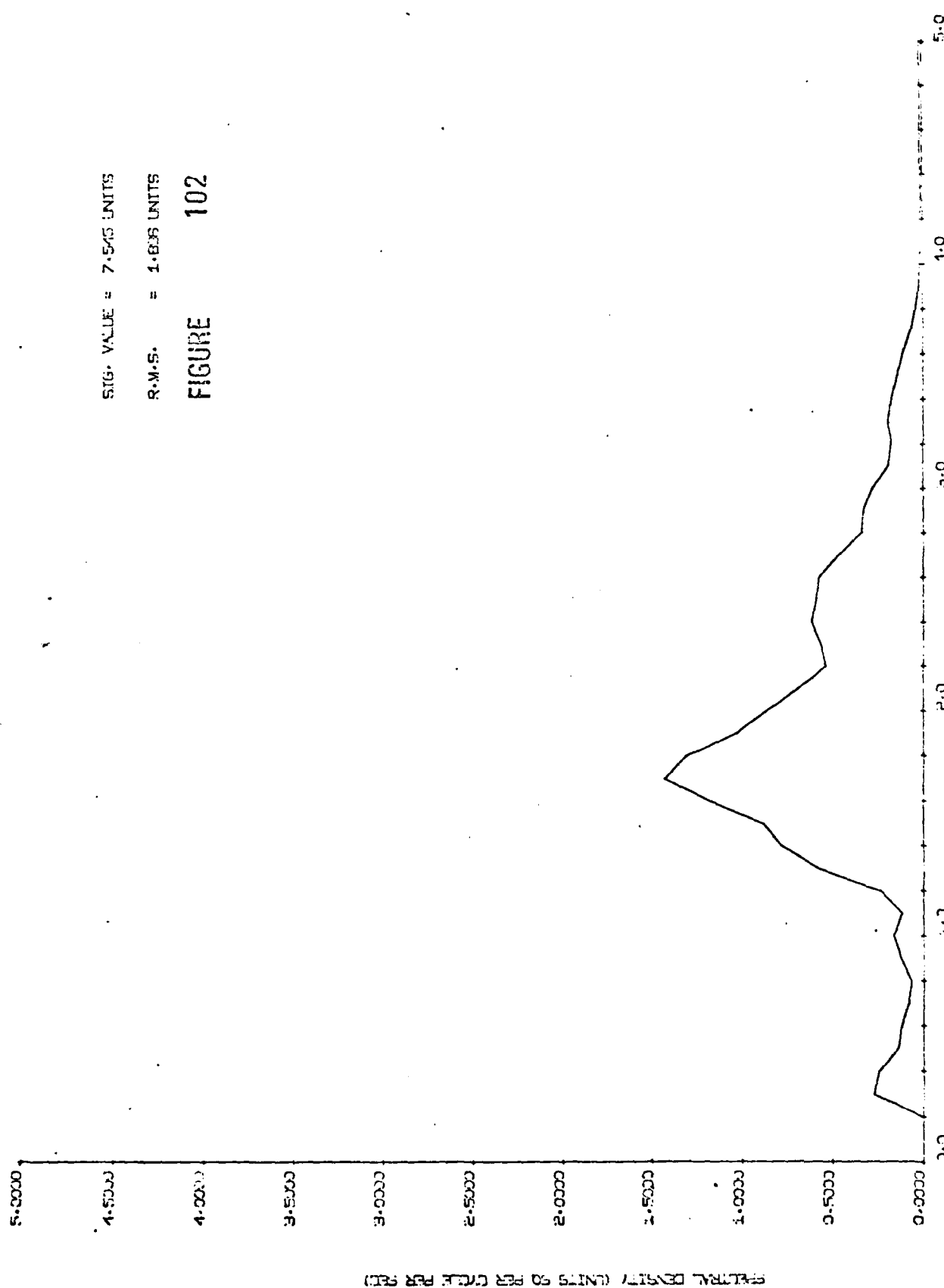
FIGURE 100



SEAWIDE TESTS NO.1 SAT MAY '76 - RIN SED PITCH SPECTRUM UNITS DEGREES



SEANWHL TESTS NO.1 5/T MAY '76 - RUN 935 HEAVE SPECTRUM UNITS CENTIMETRES

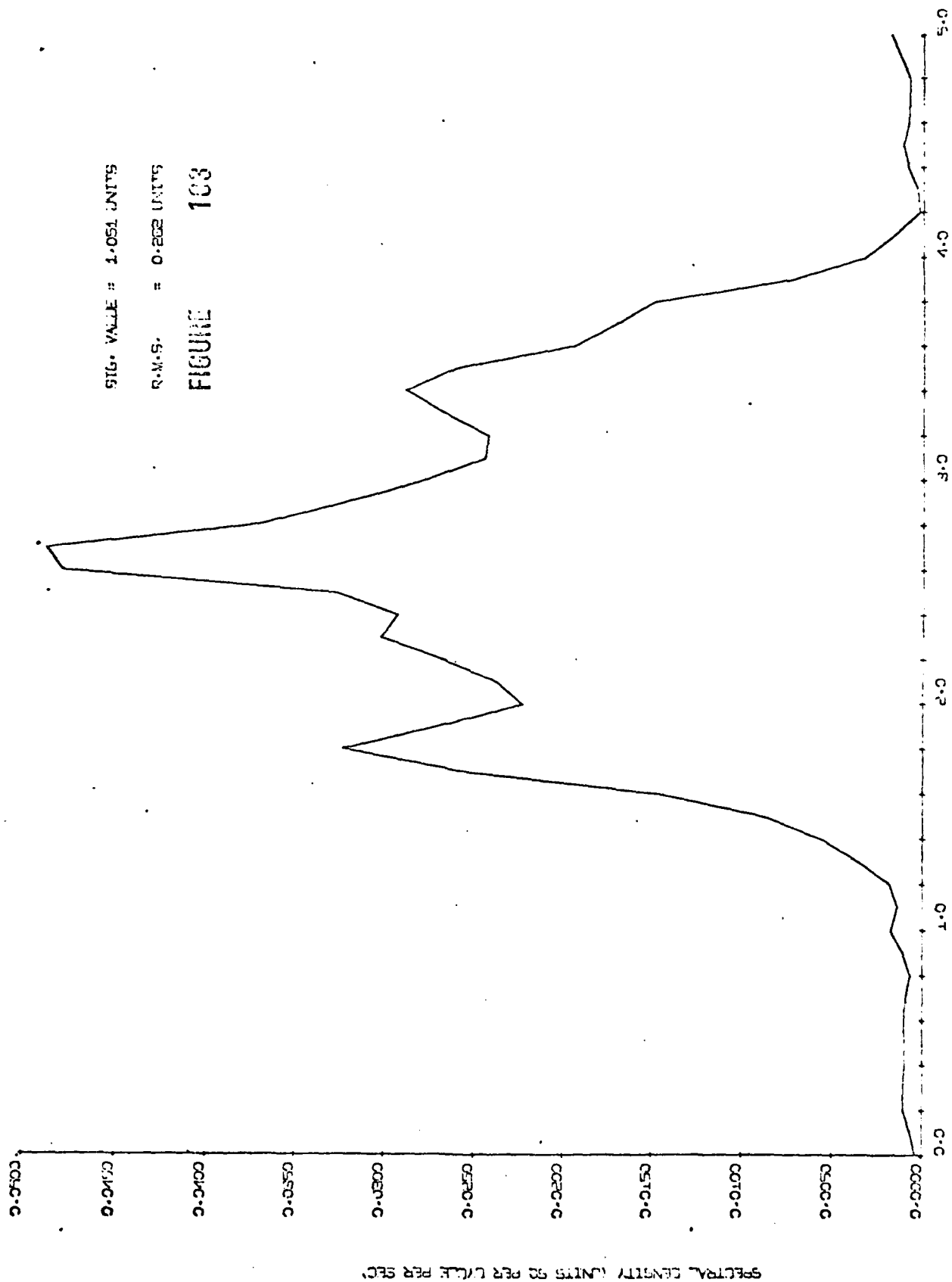


SIG. VALUE = 7.545 UNITS

R.M.S. = 1.835 UNITS

FIGURE 102

SLANTING TESTS NO.1 SAT MAY '76 - RUN 935 VERT.G AT C.G. SPECTRUM UNITS G.G

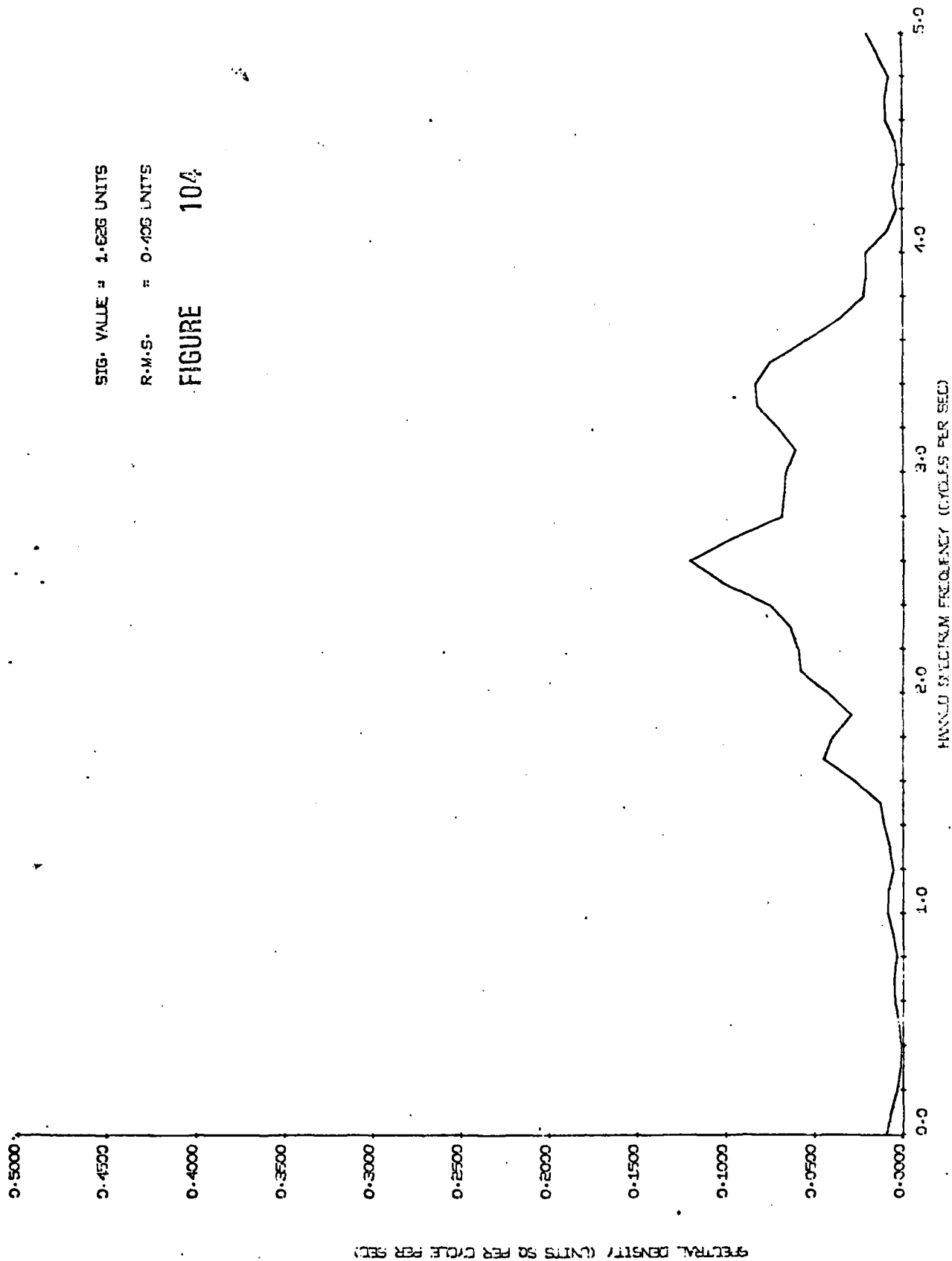


SIG. VALUE = 1.051 UNITS

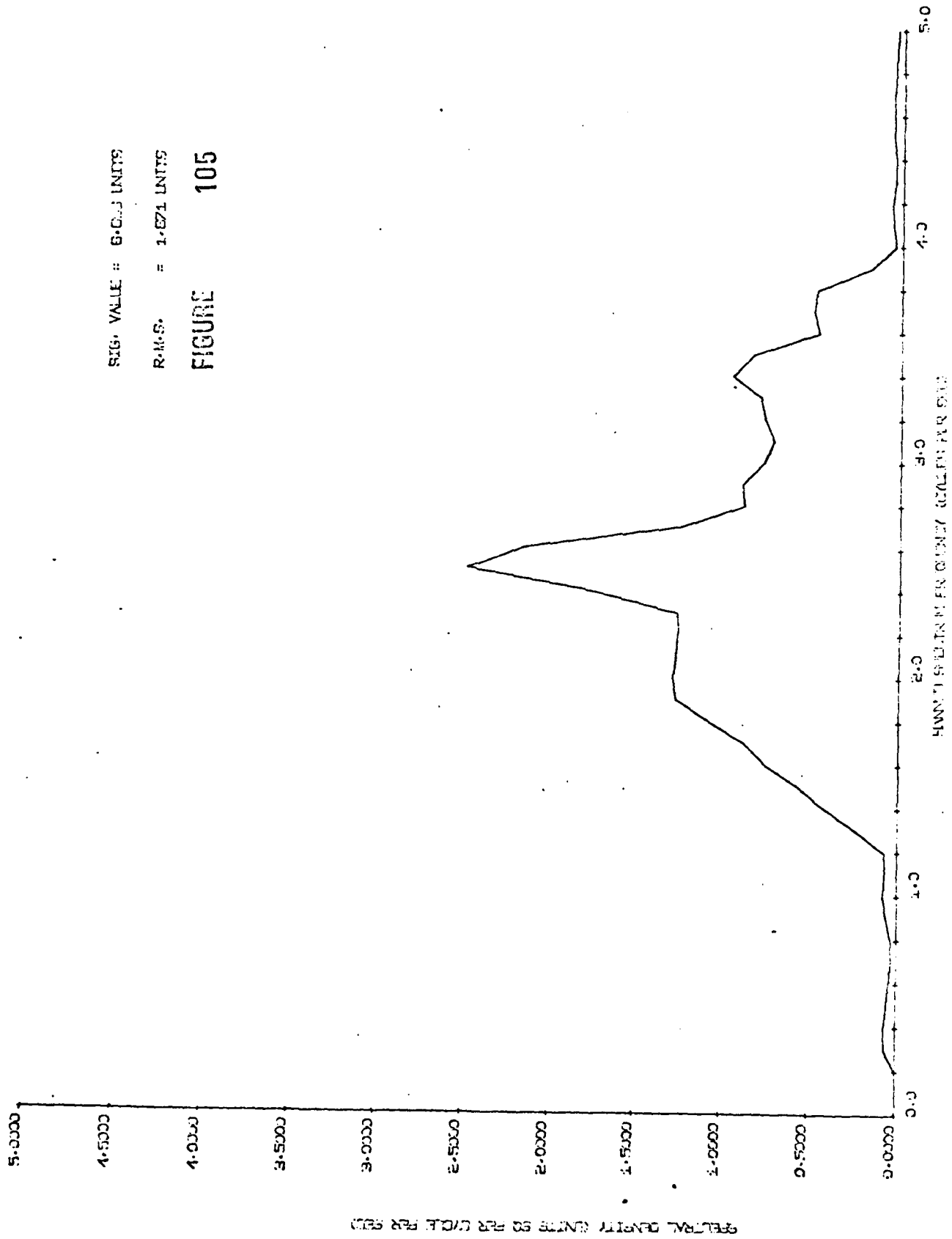
R.M.S. = 0.202 UNITS

FIGURE 103

SEAKNIFE TESTS NO.1 SAT MAY '76 - RUN 935 VERT.G AT BOW SPECTRUM UNITS G.S



SLAKNPL T0015 N0.1 SAT MAY '76 -- SUN SEP UNIDENTIFIED WAVE SPECTRUM UNITS CM3



RIG. VALUE = 6.000 UNITS

R.M.S. = 1.671 UNITS

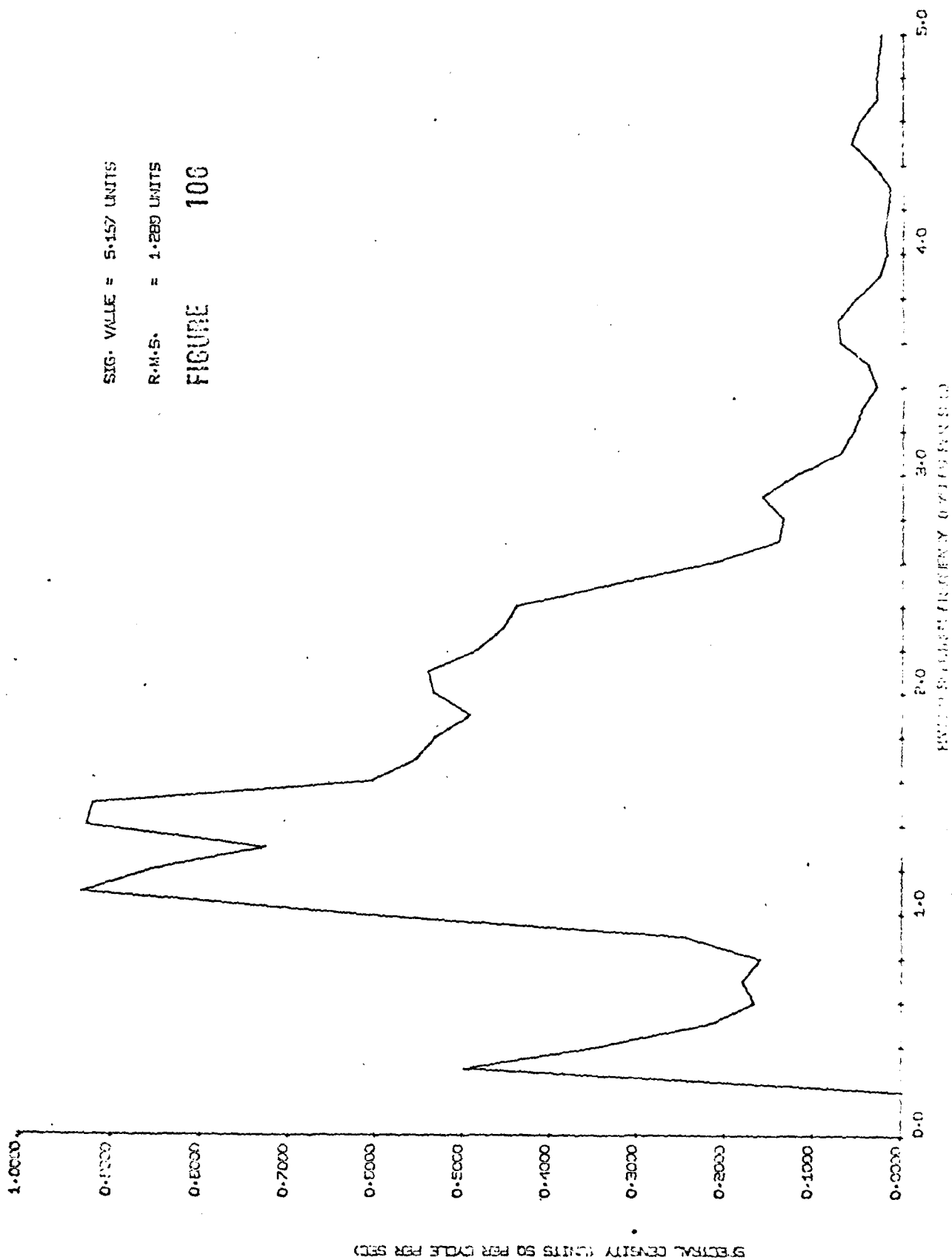
FIGURE 105

SEAKNIFE TESTS NO.1 SAT MAY '76 - RUN 935 PITCH SPECTRUM UNITS DEGREES

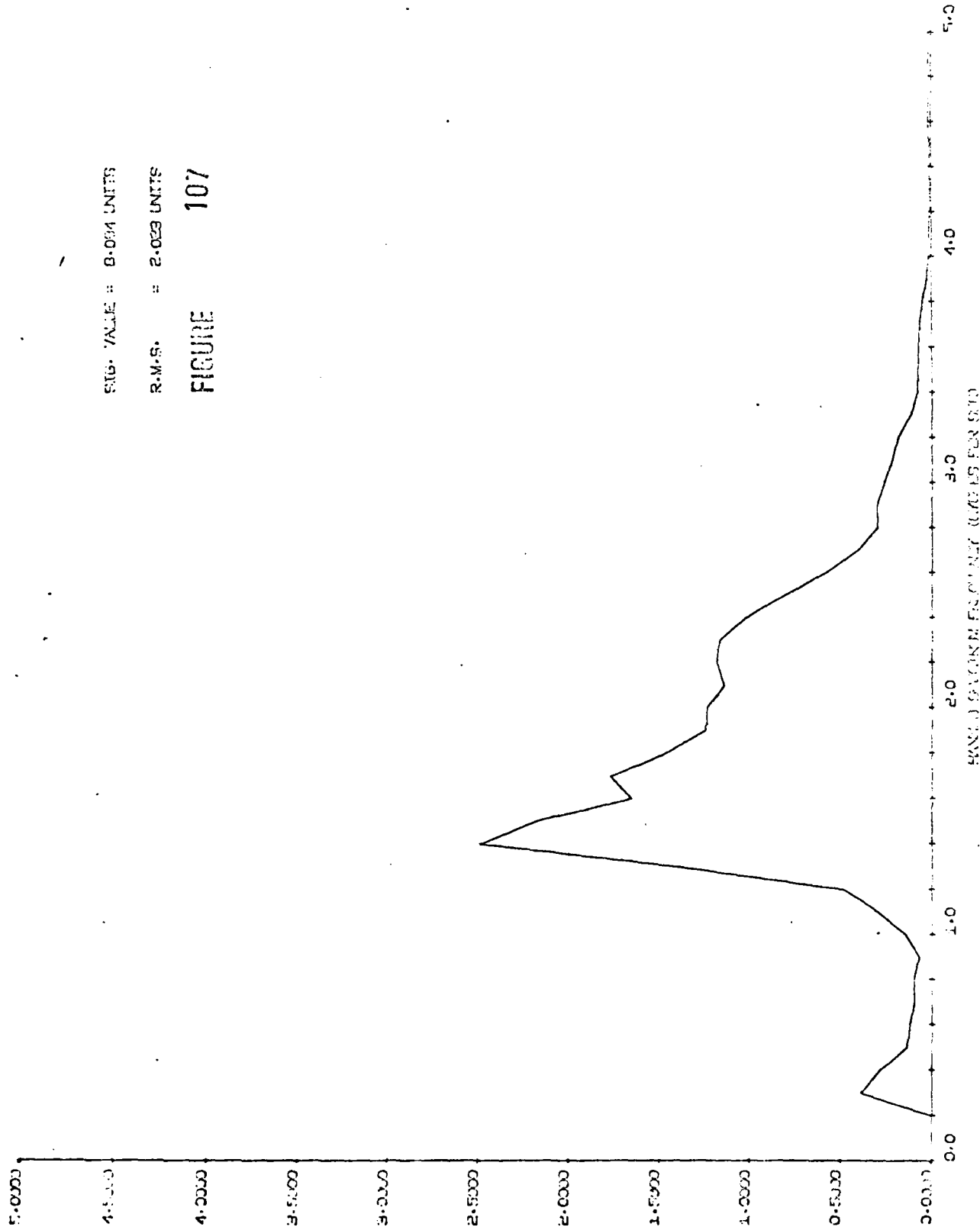
SIG. VALUE = 5.157 UNITS

R.M.S. = 1.289 UNITS

FIGURE 100



SWANSON TELSON NO. 1 SAT MAY 17/6 - 1000 GROSS HEAVE SPECTRUM UNITS CENTIMETRES

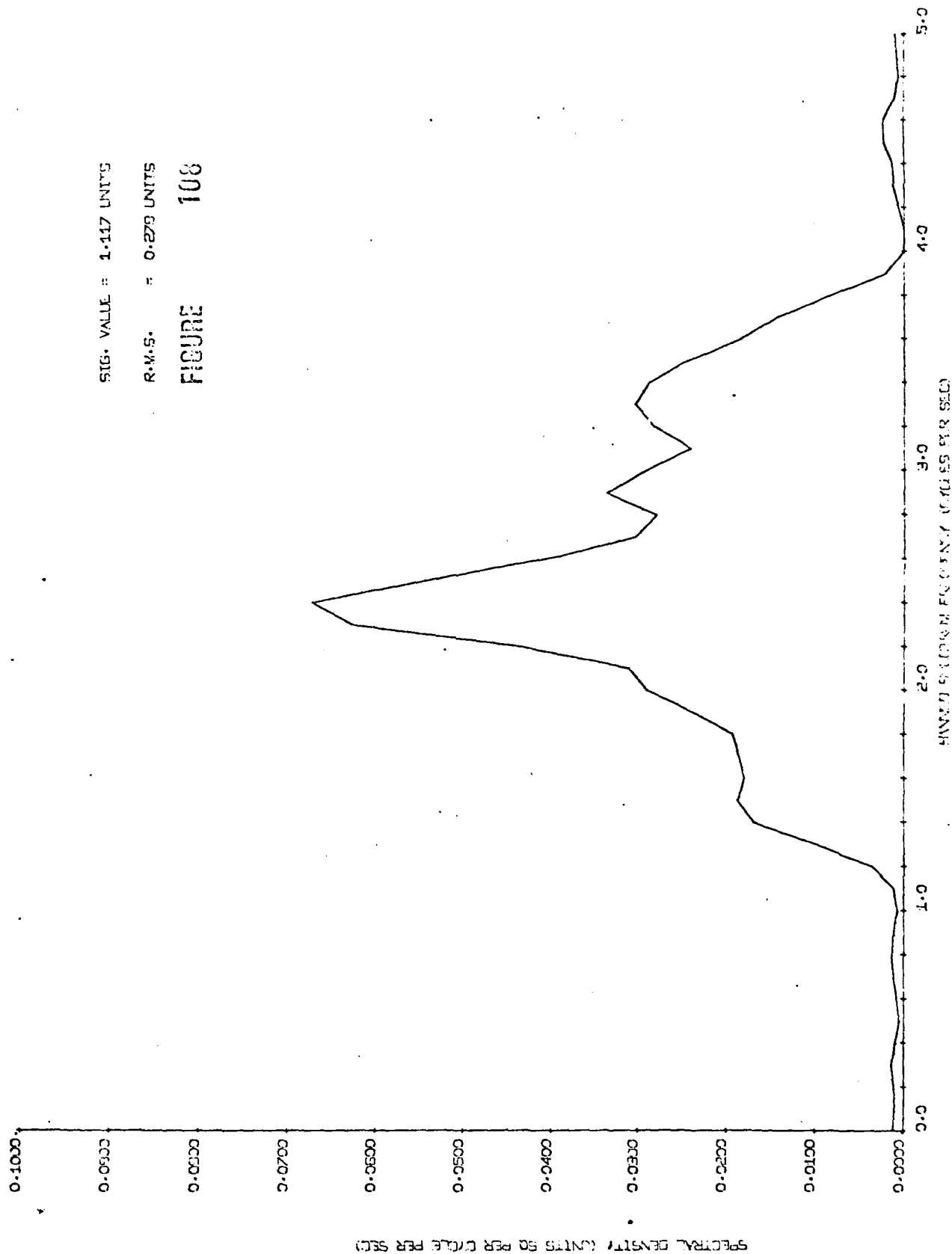


SIG. VALUE = 9.094 UNITS

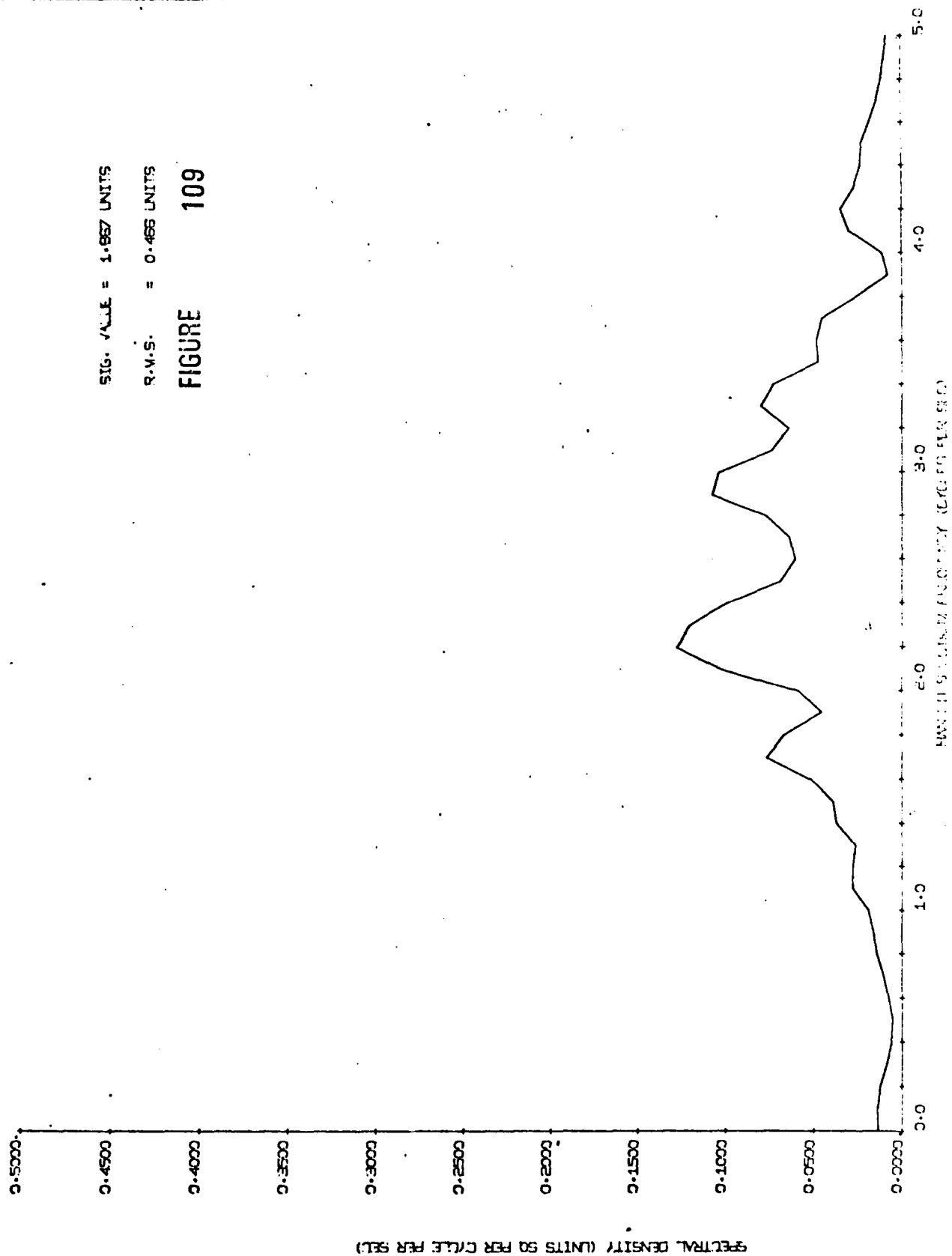
R.M.S. = 2.023 UNITS

FIGURE 107

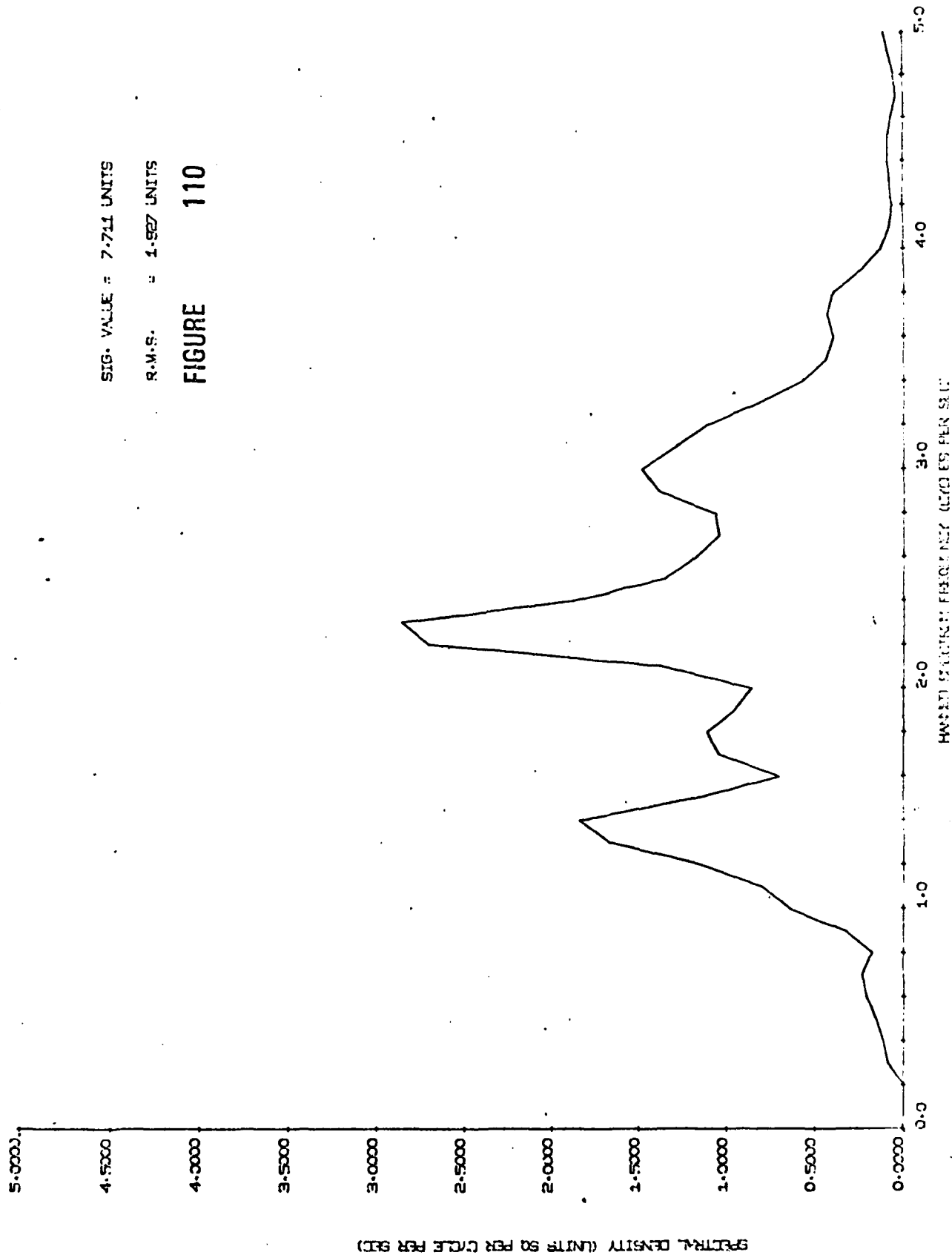
SEAKNIFE TESTS NO.1 SAT MAY '76 - RUN 936 VERT-G AT C-G- SPECTRUM UNITS G-S



SEAKNIFE TESTS NO.1 SAT MAY '76 - RUN 936 VERT.G AT 80W SPECTRUM UNITS G.S



SEAKNIFE TESTS NO.1 S/T MAY '76 - RUN 936 ENCOUNTERED WAVE SPECTRUM UNITS CMS

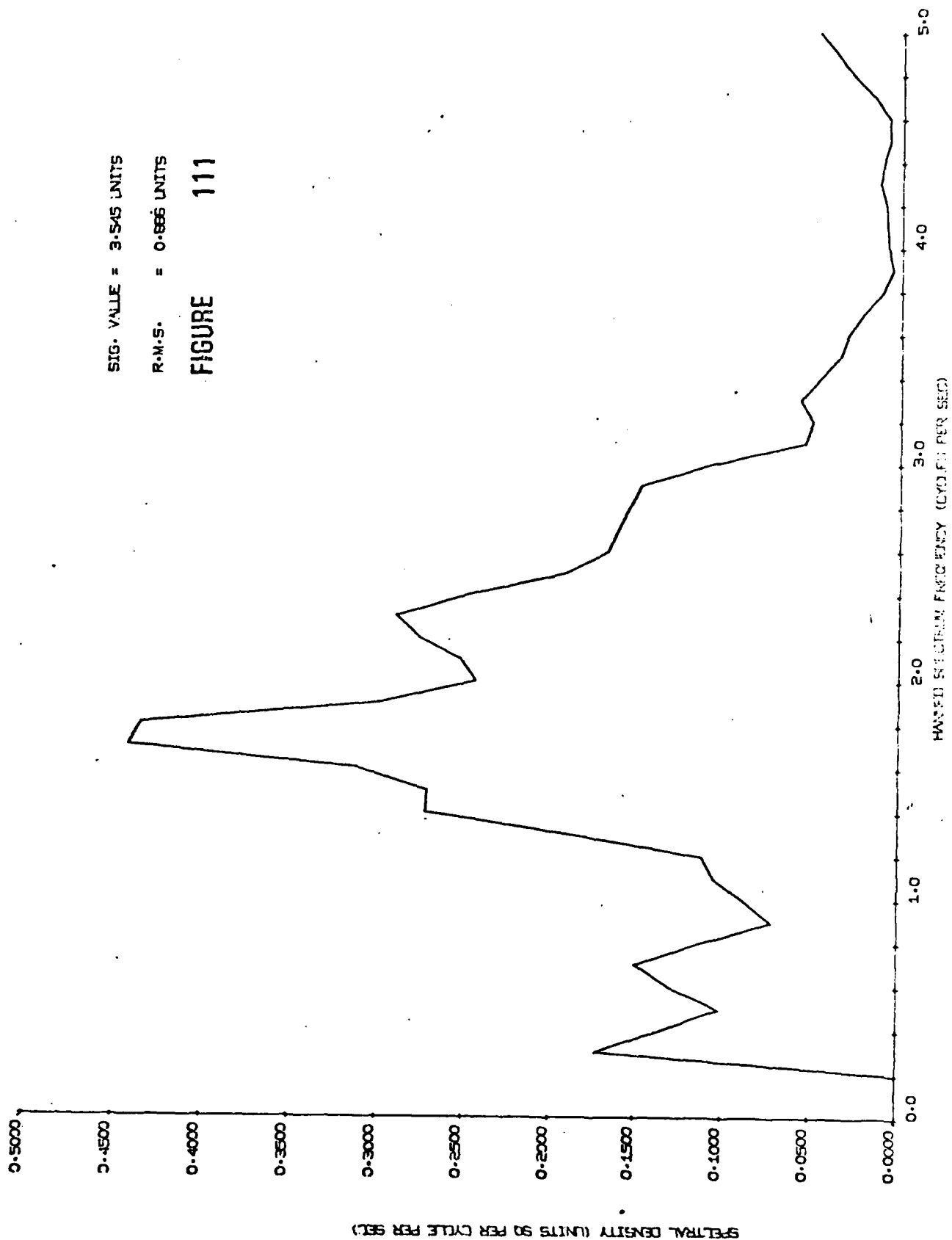


SEAKNIFE TESTS NO.1 SAT MAY '76 - RUN 89/ PITCH SPECTRUM UNITS DEGREES

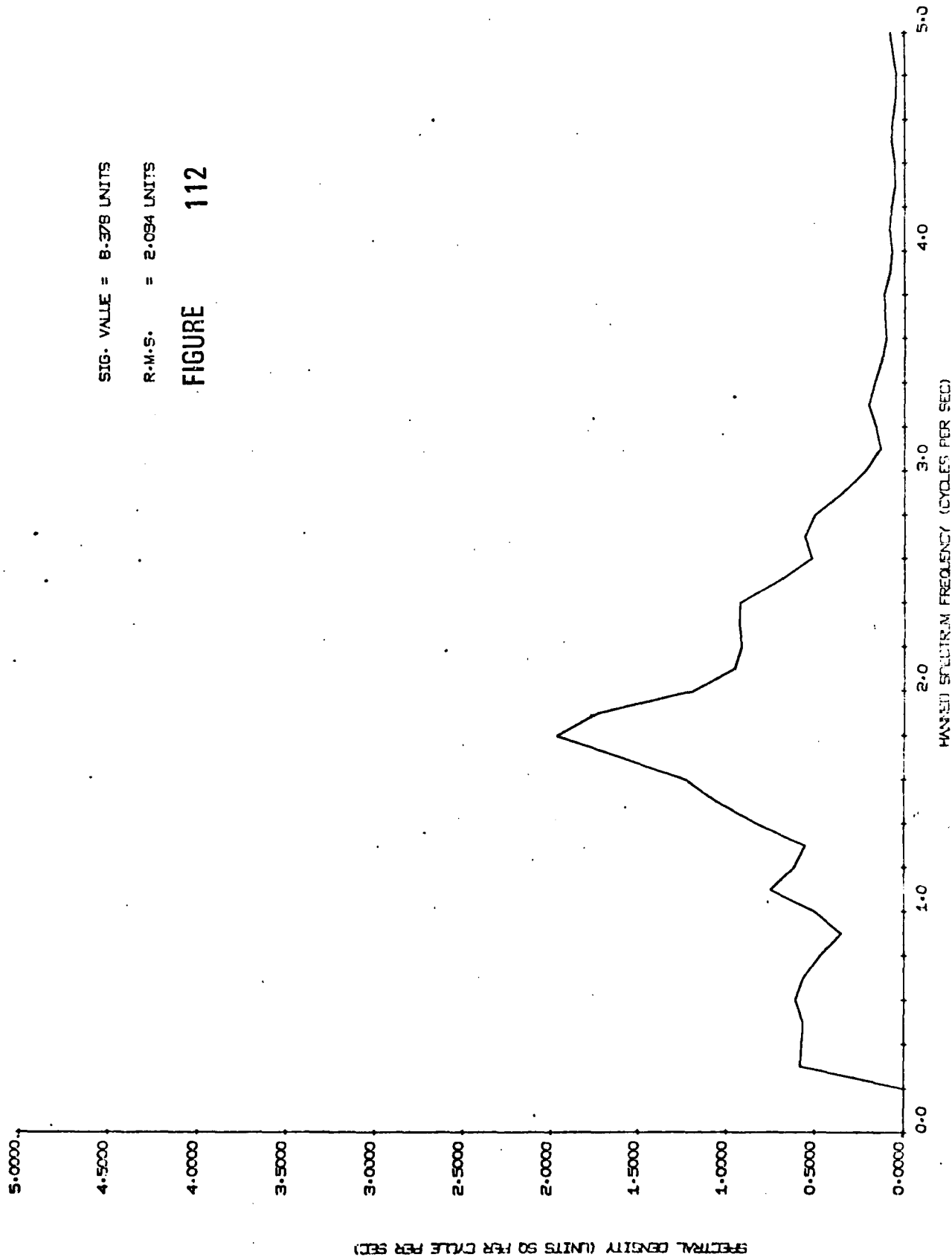
SIG. VALUE = 3.545 UNITS

R.M.S. = 0.886 UNITS

FIGURE 111



SEAKNIPLE TESTS NO.1 S/T MAY '76 · RUN 937 HEAVE SPECTRUM UNITS CENTIMETRES

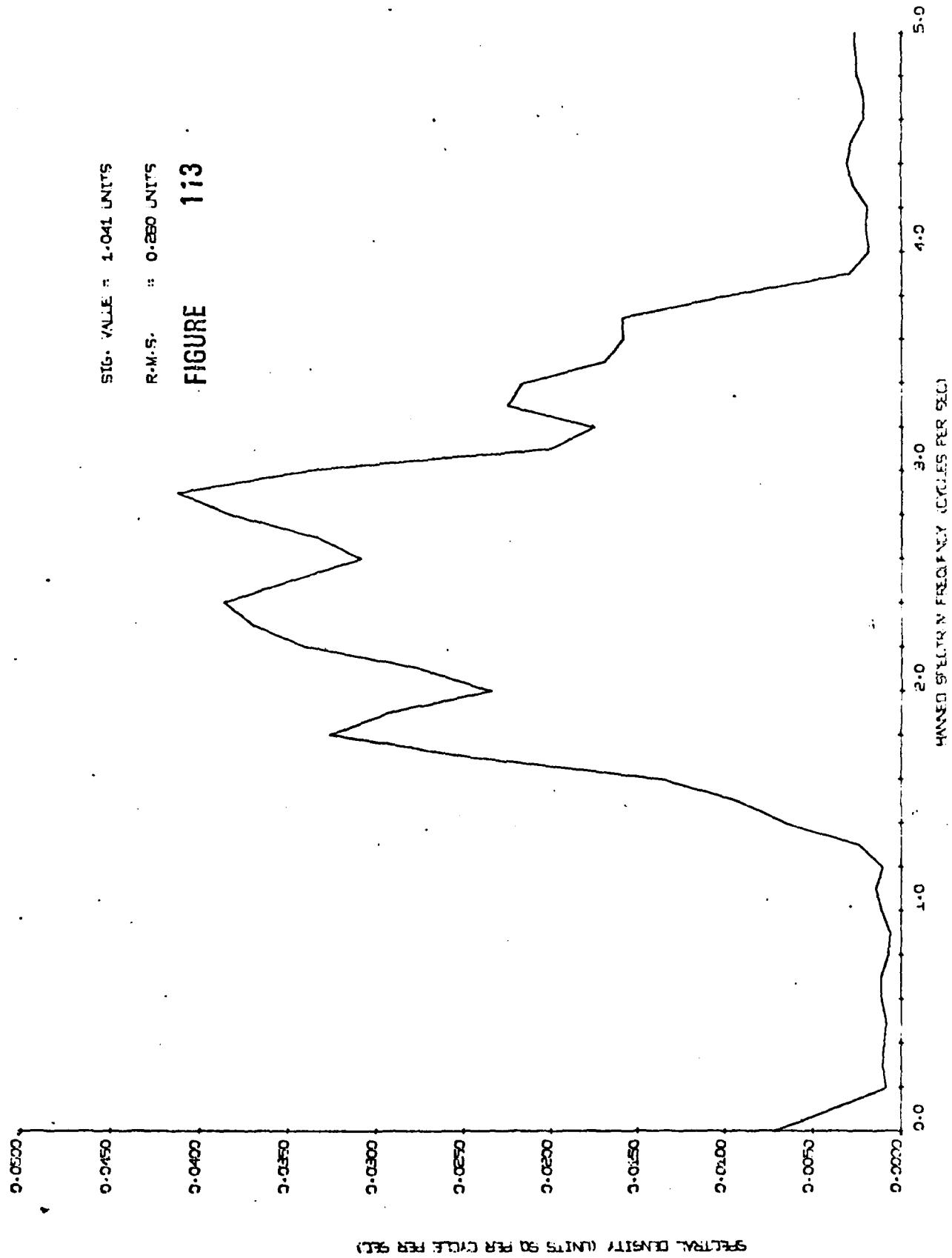


SEAKNTE TESTS NO.1 SAT MAY '76 - RUN 93/ VERT.G AT C.G. SPECTRUM UNITS G.S

SIG. VALLE = 1.041 UNITS

R.M.S. = 0.280 UNITS

FIGURE 113



SEAKNIFE TESTS NO.1 S/T MAY '76 - RUN 937 VERT.G AT BOW SPECTRUM UNITS G.S

SIG. VALUE = 1.622 UNITS

R.M.S. = 0.405 UNITS

FIGURE 114

